

# CHERRY CREEK SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*Mina J. Blomath* 12/30/92  
 CHIEF, BUREAU OF COMMUNITY PLANNING AND LAND DEVELOPMENT

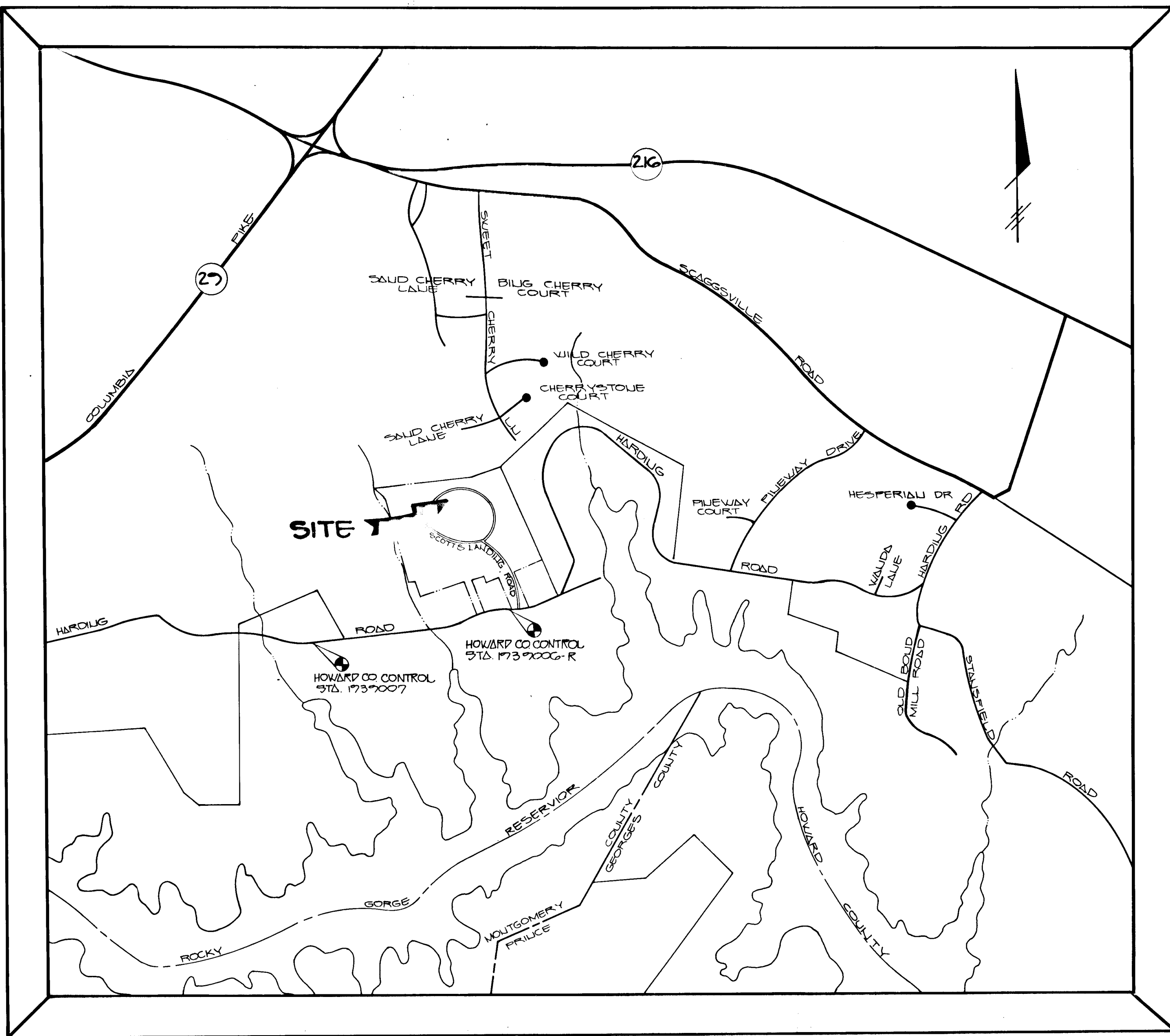
APPROVED: DEPARTMENT OF PUBLIC WORKS  
*William E. Reese* 12.28.92  
 CHIEF, BUREAU OF ENGINEERING

APPROVED: DEPARTMENT OF PUBLIC WORKS  
 CHIEF, BUREAU OF HIGHWAYS

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*John Damman* 12/29/92  
 CHIEF, LAND MANAGEMENT DIVISION

### GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
2. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTION AT (301) 213-1060 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
3. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
4. PROJECT BACKGROUND:  
 ZONING: R-20  
 ZB/BA REF: 8-2-85 COMPREHENSIVE ZONING PLAN  
 TOTAL TRACT AREA: 20.609 AC.  
 NUMBER OF PROPOSED LOTS: 40  
 DATE PRELIMINARY PLAN APPROVED AND DPZ REFERENCED #: PRELIMINARY PLAN APPROVED 1-16-92 P 92-03  
  
 SKETCH PLAN: S 88-67  
 SKETCH PLAN: S 91-15  
 PRELIMINARY PLAN: P 90-36  
 PRELIMINARY PLAN: P 92-03  
 FINAL PLAN: P 92-122
5. TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
6. TOPOGRAPHIC SURVEY BY FISHER, COLLINS & CARTER, INC. ON OR ABOUT FEBRUARY, 1991, 2' CONTOUR INTERVAL.
7. HORIZONTAL AND VERTICAL DATUM BASED ON NAD 27, MARYLAND COORDINATE SYSTEM AS PROJECTED BY H.C. GEODETIC CONTROL STATIONS 1939006-R AND 1939007.
8. LIGHT POLES AND FIXTURES FOR STREET LIGHTS SHALL BE IN ACCORDANCE WITH THE LATEST HOWARD COUNTY DESIGN MANUAL, VOLUME III, ROADS AND BRIDGES.
9. PUBLIC WATER AND SEWER TO BE UTILIZED; CONTRACT NO. 24-3207 IN THE PATUXENT DRAINAGE AREA.
10. THE PAYMENT OF FEE-IN-LIEU OF PROVIDING STORMWATER MANAGEMENT APPROVED DECEMBER 10, 1991.
11. FLOODPLAIN STUDY BY FISHER, COLLINS & CARTER, INC. APPROVED 1-16-92.
12. WETLAND DELINEATED BY E.S.A. APPROVED 1-16-1992.
13. NO TRAFFIC STUDY WAS REQUIRED FOR THIS PROJECT.
14. NO NOISE STUDY WAS REQUIRED FOR THIS PROJECT.
15. UTILIZED CHERRY TREE SUBDIVISION WATER AND SEWER PLANS.
16. WQ SHALL BE PROVIDED FOR EACH ROOF TOP INDIVIDUALLY. TYPE OF PRACTICE TO BE DETERMINED AT SITE DEVELOPMENT PLAN STAGE.
17. THIS SUBDIVISION IS SUBJECT TO A WAIVER FROM DESIGN MANUAL VOLUME III TABLE 2.09 TO ALLOW THE REDUCTION OF THE REQUIRED 300' HORIZONTAL RADIUS TO 200' SUBJECT TO THE FOLLOWING CONDITIONS:
  1. IN AN AREA WHERE THE HORIZONTAL RADIUS IS 200', AN ADVISORY PLATE FOR 20 MPH MUST BE INSTALLED ALONG WITH A TURN WARNING SIGN.
  2. IN AN AREA WHERE THE HORIZONTAL RADIUS IS 300', AN ADVISORY PLATE FOR 25 MPH SHALL BE INSTALLED ALONG WITH A TURN WARNING SIGN.
  3. NO PARKING SIGNS MUST BE INSTALLED ALONG THE ROAD WHERE THE HORIZONTAL RADIUS IS LESS THAN 300'.
 AND FROM DESIGN MANUAL VOLUME I SECTION 10.2.6.6 ALLOWING 2:1 SIDE SLOPES IN THE WQ FACILITY ON THE ROAD SIDE & 3:1 SLOPES ON THE OTHER THREE (3) SIDES.



Vicinity Map  
SCALE 1"=600'

### INDEX OF SHEETS

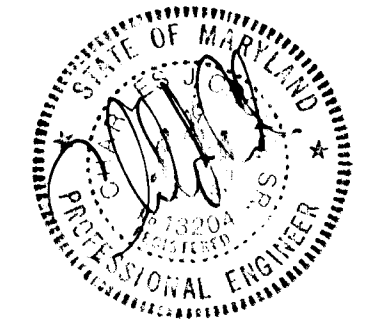
1. TITLE SHEET
2. SCOTTS LAUNDING ROAD - PLAN AND PROFILE
3. SCOTTS LAUNDING ROAD - PLAN AND PROFILE
4. TYPICAL ROAD SECTIONS AND STORM DRAIN PROFILES
5. DRAINAGE AREA MAP AND SIGHT DISTANCE PLAN & PROFILE
6. SEDIMENT CONTROL AND CULVERT DETAILS
7. CULVERT REPLACEMENT AND STREAM RESTORATION PLAN
8. STREET TREE, GRADING AND SEDIMENT CONTROL PLAN

### DRIVEWAY NOTES

- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES FOR THE FOLLOWING MIN. REQUIREMENTS:
- a) WIDTH - 12 FEET (6 SERVING MORE THAN ONE RESIDENT).
  - b) SURFACE - SIX (6) INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.
  - c) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADII.
  - d) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25,000 GROSS TONS (H25 LOADING).
  - e) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
  - f) STRUCTURE CLEARANCES - MINIMUM 12 FEET.
  - g) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.

1658

FISHER, COLLINS & CARTER, INC.  
 9171 BALTIMORE NATIONAL PLE, SUITE 100  
 ELICOTT CITY, MARYLAND 21042  
 (301) 461-2855

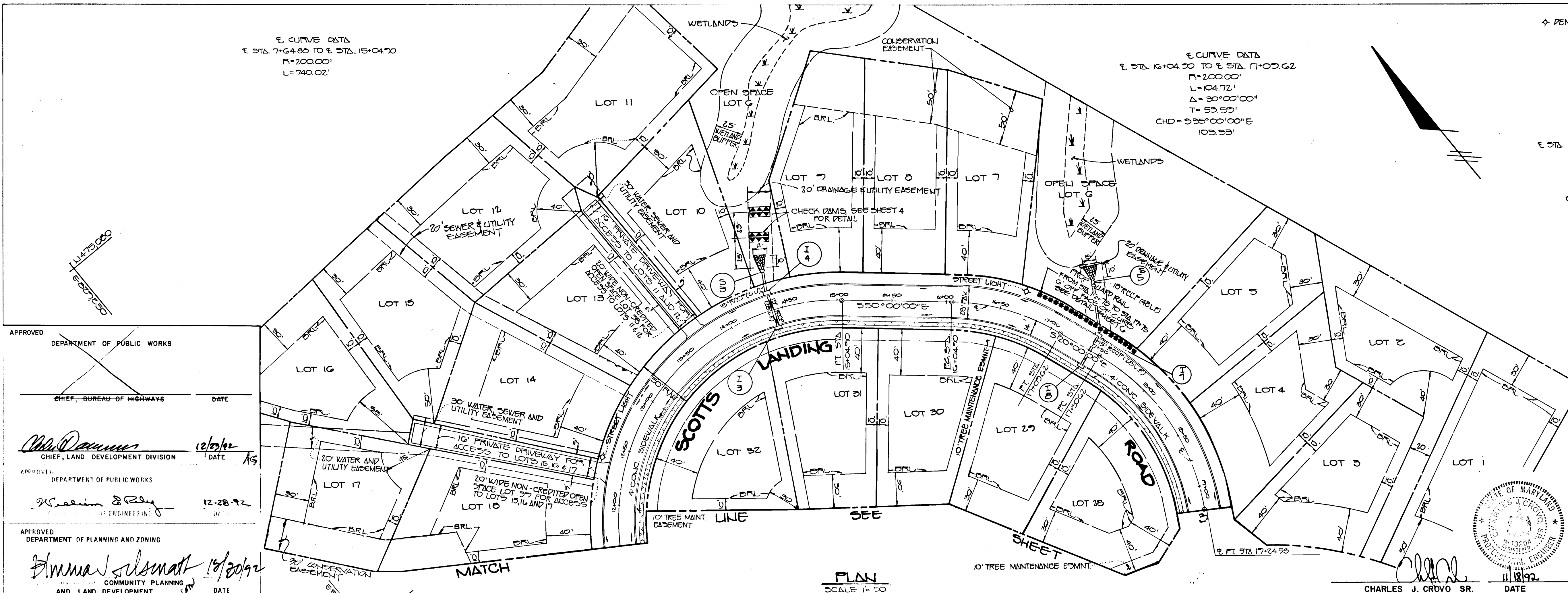


E CURVE DATA  
 E STA. 7+64.85 TO E STA. 15+04.70  
 R=200.00'  
 L=740.02'

E CURVE DATA  
 E STA. 16+04.20 TO E STA. 17+02.62  
 R=200.00'  
 L=104.72'  
 Δ=30°00'00"  
 T=59.59'  
 CHD=335°00'00"E  
 103.53'

♦ PENOTES: STREET LIGHT 14' FIBERGLASS POLE,  
 POST TOP TRAPEZOIDAL (LAMP SIZE 100 W.HPS)

E CURVE DATA  
 E STA. 17+50.22 TO E STA. 17+24.55  
 R=200.00'  
 L=173.71'  
 Δ=47°47'18"  
 T=72.80'  
 CHD=34°54'37"W  
 16.48'

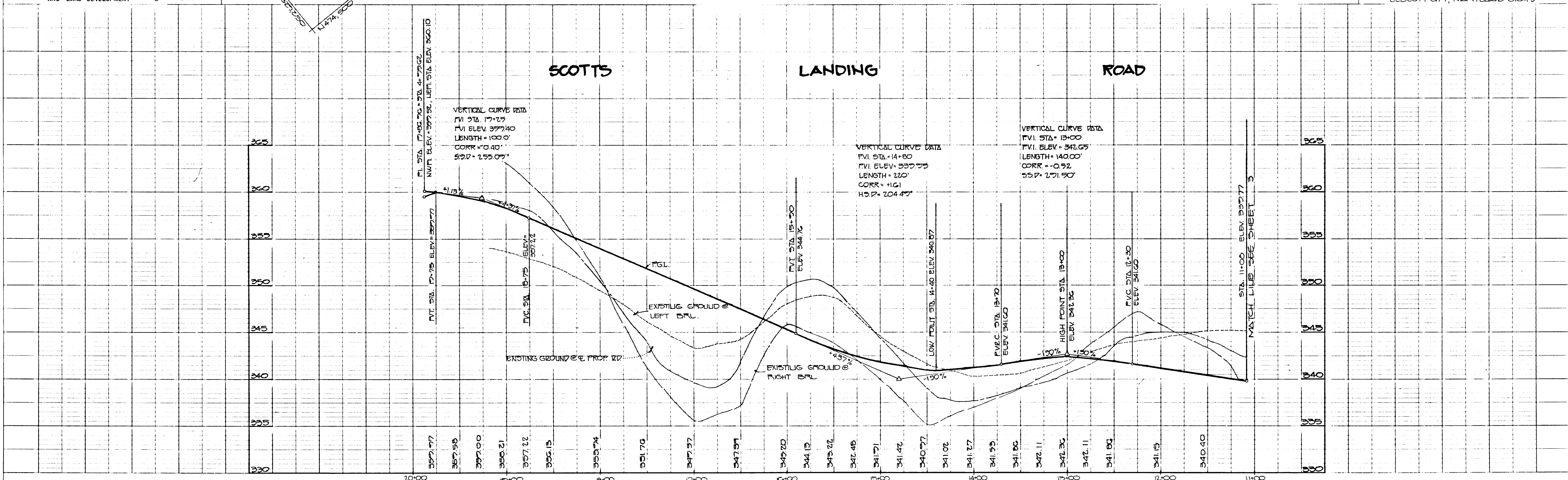


APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
 CHIEF, BUREAU OF HIGHWAYS  
 DATE  
 APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
 CHIEF, LAND DEVELOPMENT DIVISION  
 DATE 12/30/92  
 APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
 CHIEF, ENGINEERING  
 DATE 12-28-92  
 APPROVED  
 DEPARTMENT OF PLANNING AND ZONING  
 COMMUNITY PLANNING  
 AND LAND DEVELOPMENT  
 DATE 12/30/92

LOTS 1-43  
**CHERRY CREEK**  
 (A RESUBDIVISION OF LOT 3 COON MANOR & A SUBDIVISION OF PARCEL G0223)  
 CTH ELECTION DISTRICT, HOWARD COUNTY, MD  
 TAX MAP 4G PARCELS G0223  
 PLAN AND PROFILE  
 OWNER AND DEVELOPER  
 PARK MANOR LIMITED PARTNERSHIP  
 c/o THE MADISON GROUP LLC  
 ATTN: STEVEN OTTELSTIEHL  
 P.O. BOX 156200  
 CHEVY CHASE, MARYLAND 20825  
 SCALE AS SHOWN DATE MARCH 6, 1992  
 DES. V. TAYLOR DPN J. SMITH CHK. ZY. FIECH  
 FISHER, COLLINS AND CARTER, INC.  
 CIVIL ENGINEERS AND LAND SURVEYORS  
 2171 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELICOTT CITY, MARYLAND 21043

PLAN  
 SCALE: 1" = 50'

CHARLES J. GROVO SR.  
 DATE 11/18/92



2597



NOTE: CONTRACTOR SHALL MAINTAIN REASONABLE UNDISTURBED ACCESS TO LOT 2 DURING THE INSTALLATION OF THE PIPE AND THE GRADING ALONG THE FRONTAGE OF COON MANOR LOT 2.

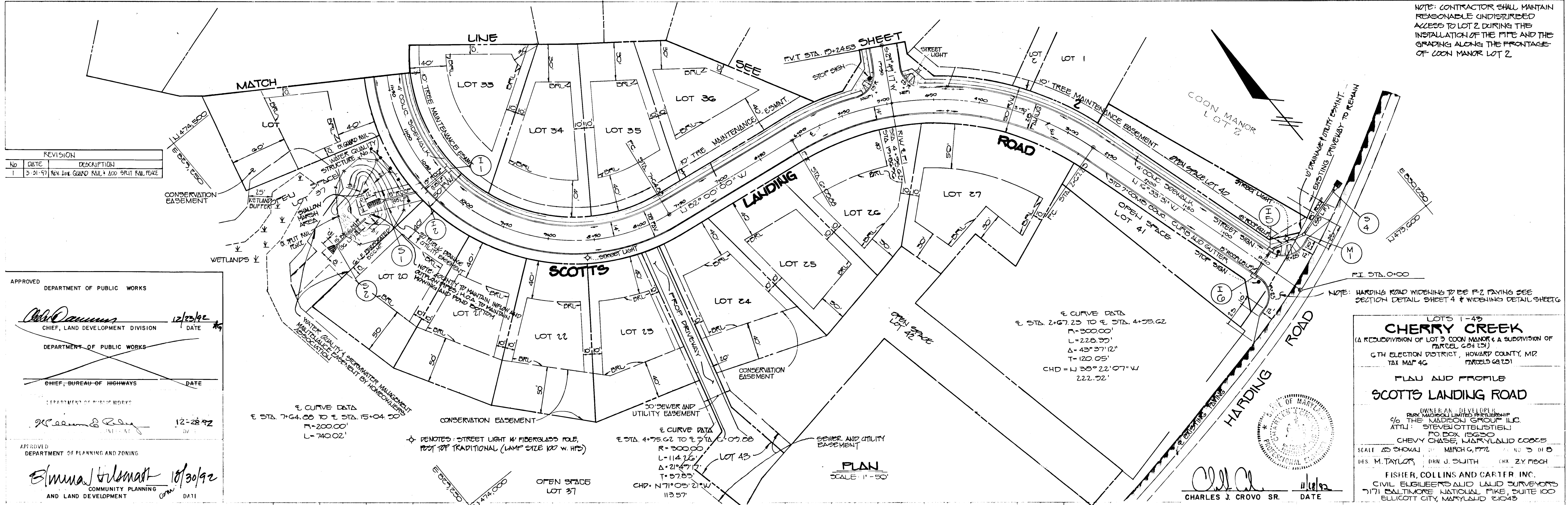
REVISION	No	DATE	DESCRIPTION
1	3-21-92	REVISE GUARD RAIL & ADD BRIT RAIL FENCE	

APPROVED  
DEPARTMENT OF PUBLIC WORKS  
*Charles J. Crovo Sr.* 12/23/92  
CHIEF, LAND DEVELOPMENT DIVISION  
DATE

DEPARTMENT OF PUBLIC WORKS  
CHIEF, BUREAU OF HIGHWAYS  
DATE

DEPARTMENT OF PUBLIC WORKS  
*William J. Kelly* 12-28-92  
DATE

APPROVED  
DEPARTMENT OF PLANNING AND ZONING  
*Elmwood Tolson* 10/30/92  
COMMUNITY PLANNING AND LAND DEVELOPMENT  
DATE



LOTS 1-43  
**CHERRY CREEK**  
 (A RECONSIDERATION OF LOT 3 COON MANOR & A SUBDIVISION OF PARCEL G2423)  
 GTH ELECTION DISTRICT, HOWARD COUNTY, MD  
 TAX MAP 4C  
 PARCELS 68, 251

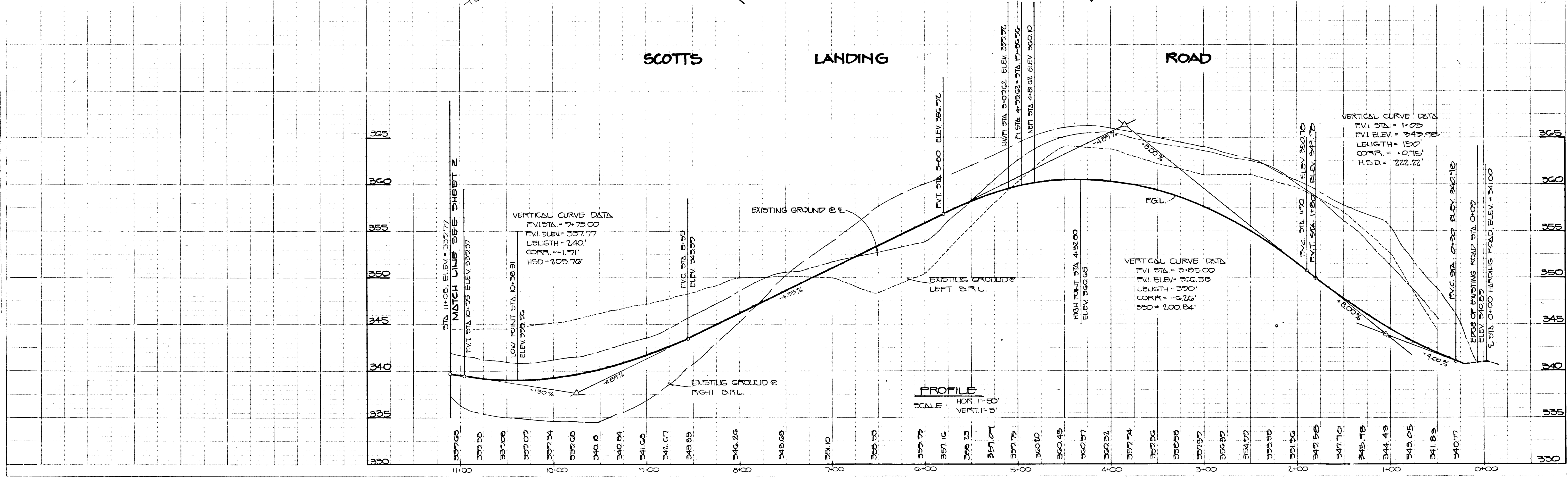
**PLAN AND PROFILE**  
**SCOTT'S LANDING ROAD**

OWNERS DEVELOPER  
 BARR WOODRUFF LIMITED PARTNERSHIP  
 % THE MADEON GROUP LLC  
 ATTN: STEVEN OTTELSTIEL  
 PO BOX 156250  
 CHEVY CHASE, MARYLAND 20845

SCALE AS SHOWN MARCH 6, 1992  
 H.S. M. TAYLOR, DRN J. SMITH, DR. ZY. FISCH

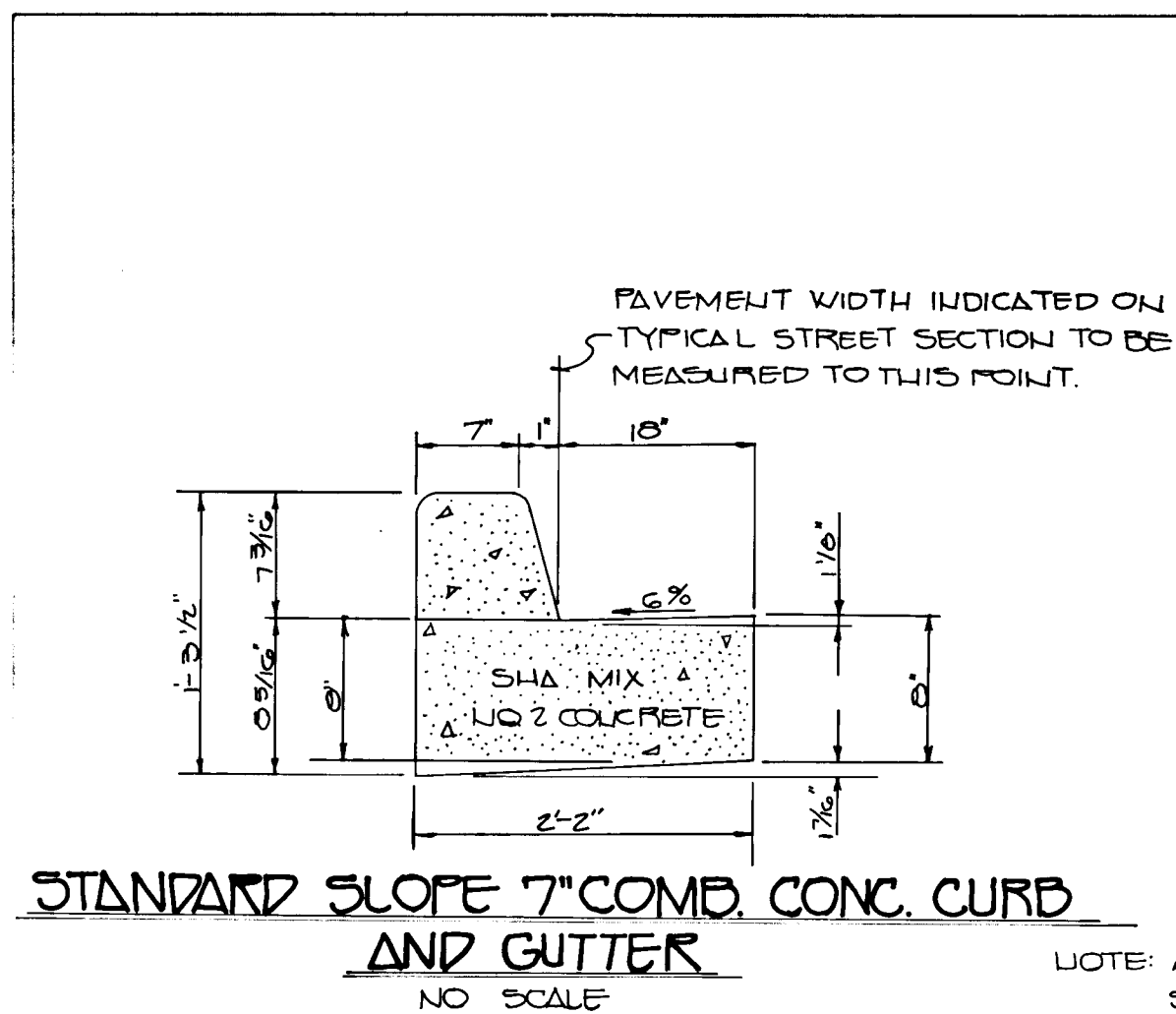
FISHER, COLLINS AND CARTER, INC.  
 CIVIL ENGINEERS AND LAND SURVEYORS  
 7171 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21043

**CHARLES J. CROVO SR.** DATE

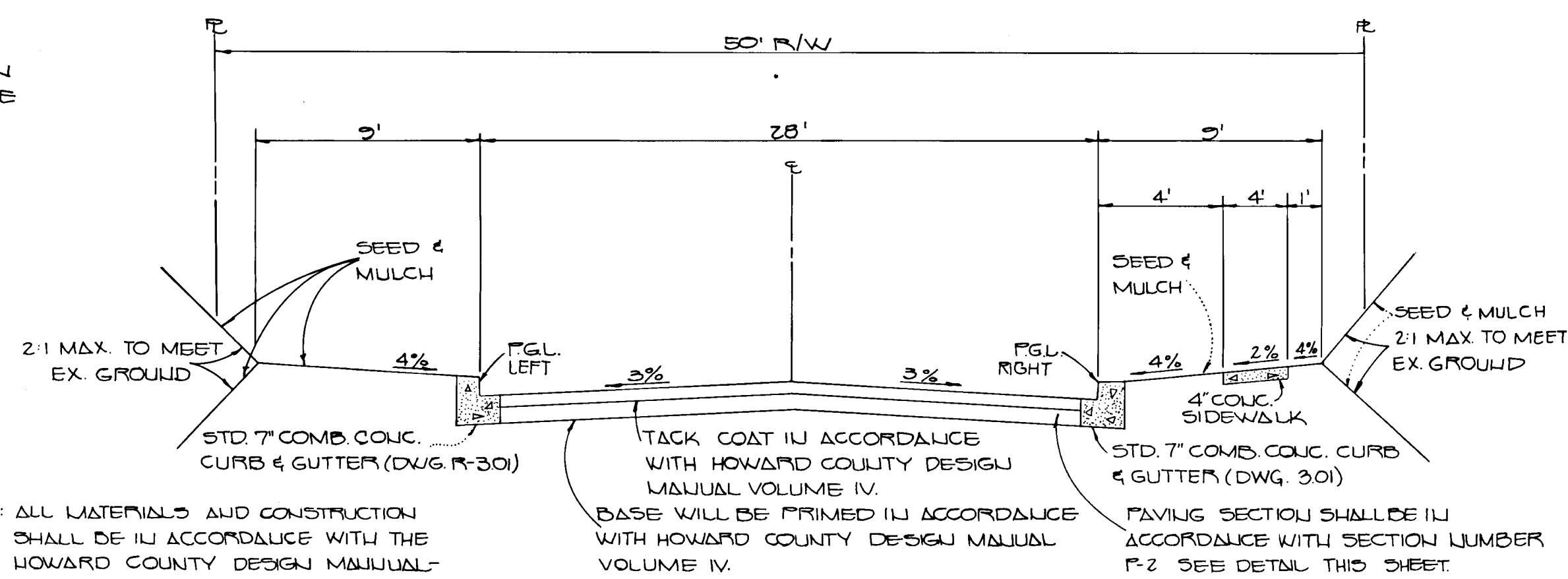


1652

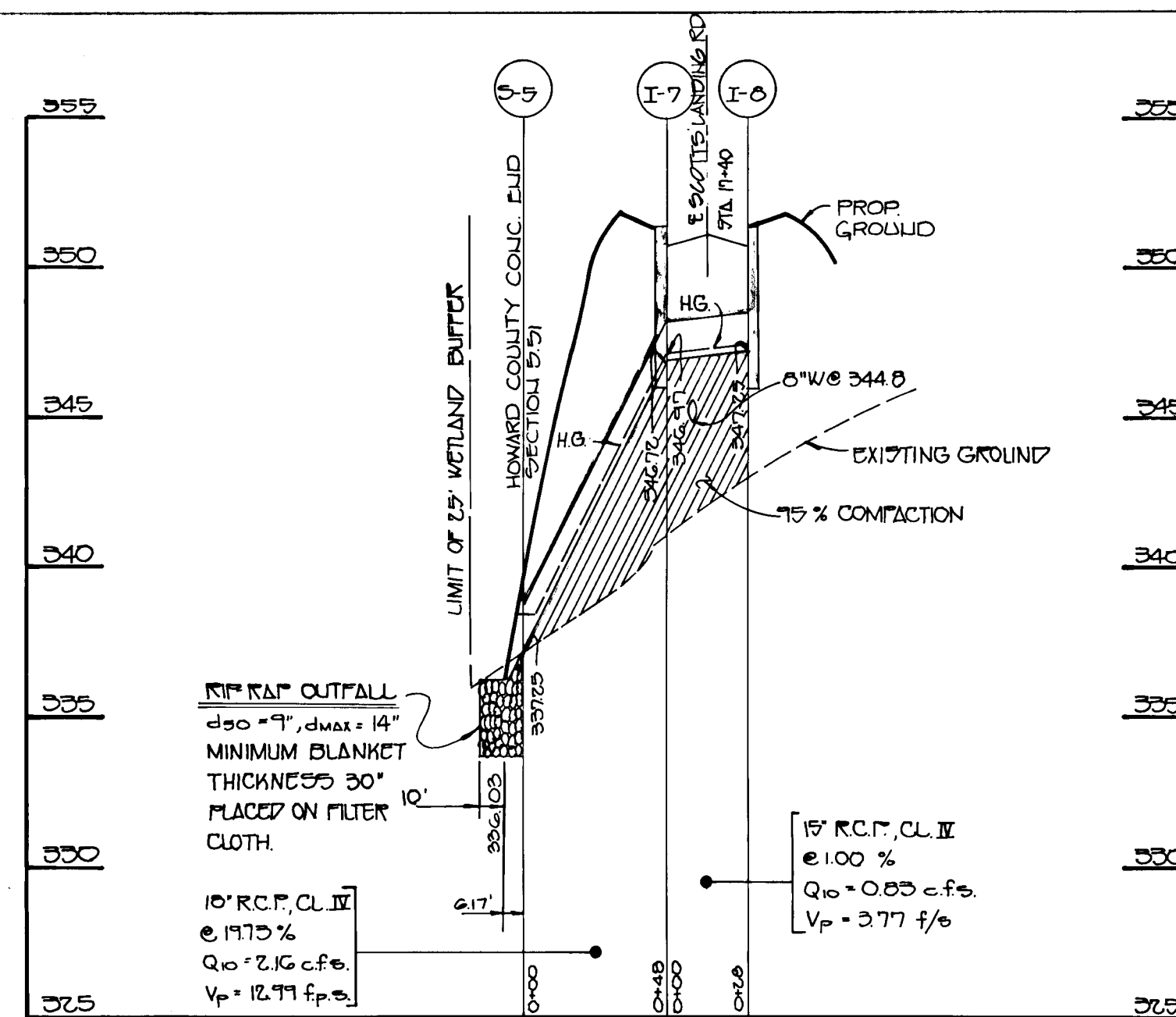




**STANDARD SLOPE 7" COMB. CONC. CURB AND GUTTER**  
NO SCALE



**TYPICAL 28' PAVING ROAD SECTION**  
NO SCALE

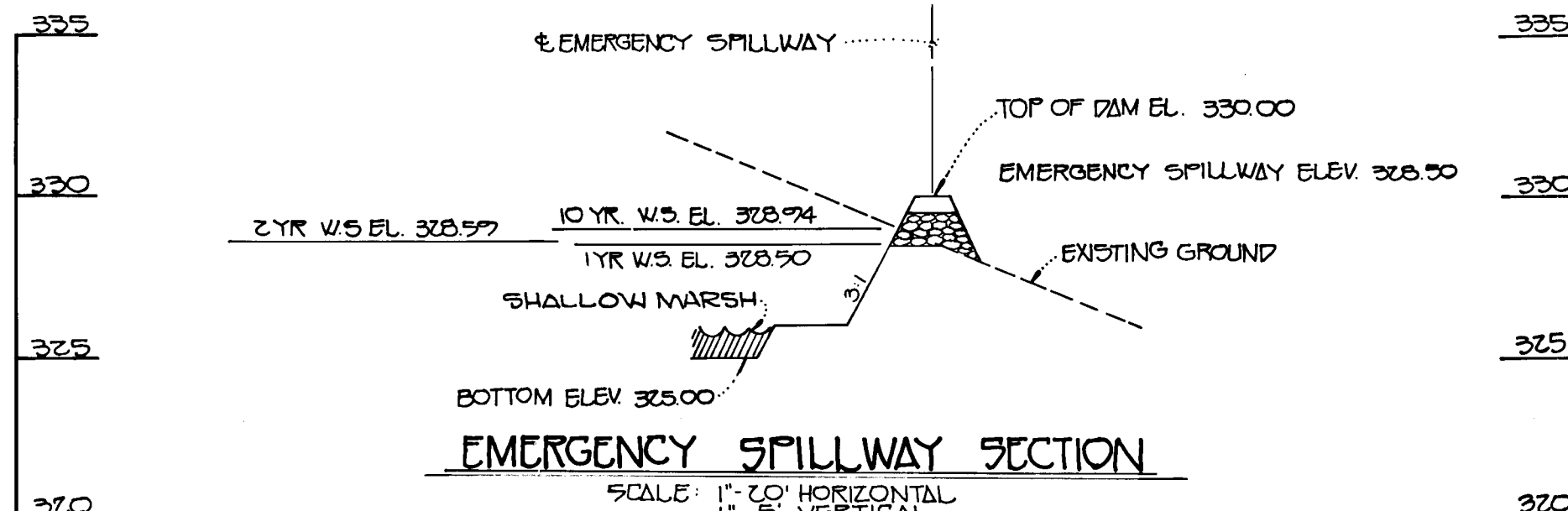


**PROFILE**  
SCALE: 1"=5' VERT.  
1"=50' HORIZ.

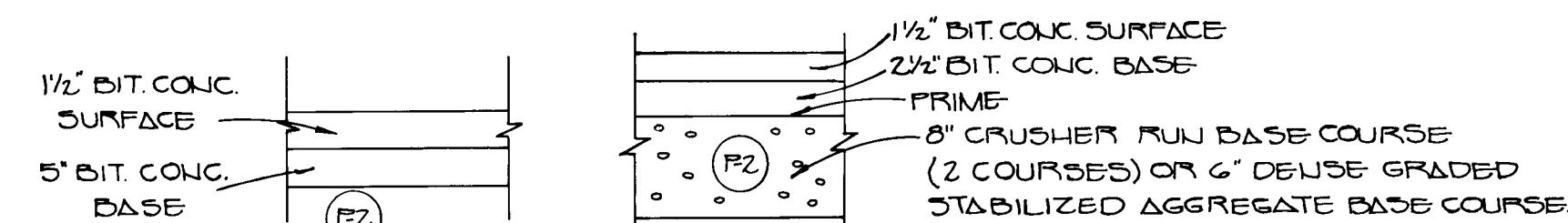
APPROVED  
DEPARTMENT OF PUBLIC WORKS  
CHIEF, BUREAU OF HIGHWAYS  
DATE  
*Charles J. Crovo* 12/23/92  
CHIEF, LAND DEVELOPMENT DIVISION  
DATE  
*Michael Hillmark* 12-28-92  
DEPARTMENT OF PUBLIC WORKS  
DATE  
*Michael Hillmark* 12/30/92  
DEPARTMENT OF FARMING AND ZONING  
COMMUNITY PLANNING  
AND LAND DEVELOPMENT

ROAD NAME	CLASSIFICATION	PAV	DESIGN SPEED	ZONING
SCOTT'S LAUNCHING ROAD	LOCAL ROAD	50'	30 MPH VERTICAL #20 (25 MPH HORIZONTAL)	R-20

\* SEE GENERAL NOTE NO. 17



**EMERGENCY SPILLWAY SECTION**  
SCALE: 1"=20' HORIZONTAL  
1"=5' VERTICAL



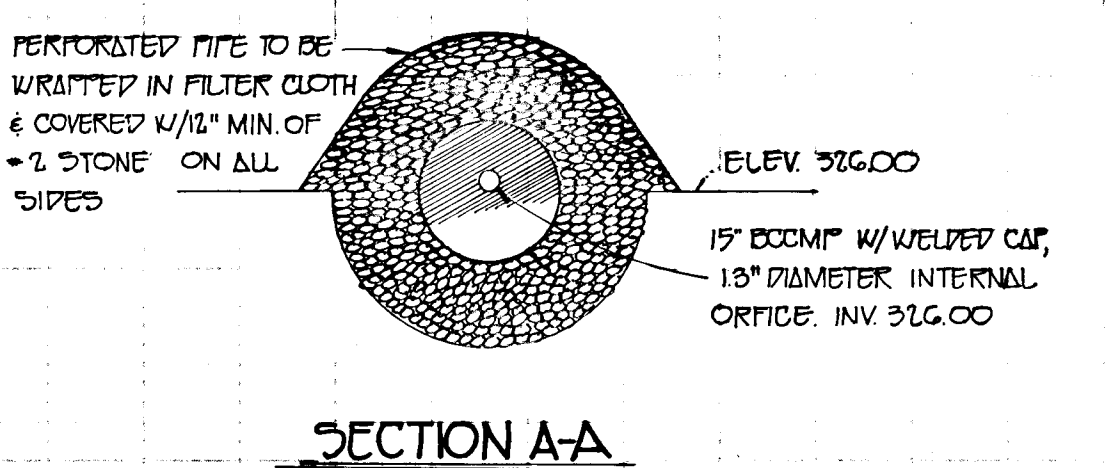
**P-2 PAVING SECTION**  
NO SCALE

NOTE: HARDING ROAD WIDENING @ THE INTERSECTION TO BE P-2 PAVING.

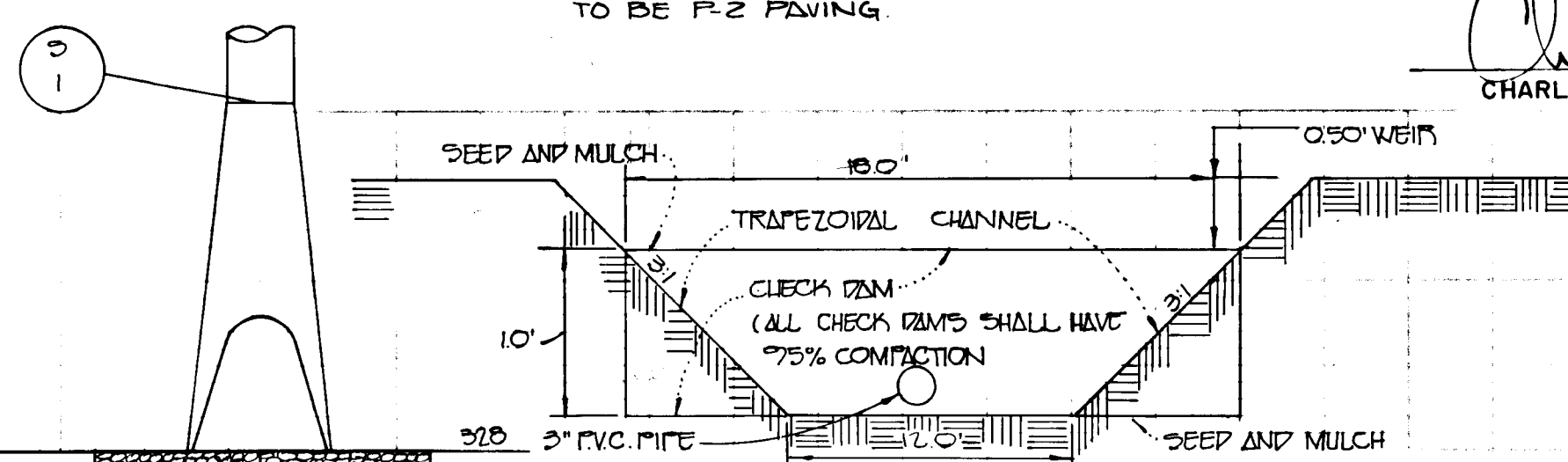
*Charles J. Crovo*  
CHARLES J. CROVO SR.  
DATE 11/12/92

LOTS 1-43  
**CHERRY CREEK**  
(A RESUBDIVISION OF LOT 2 COON MANDY & A SUBDIVISION OF PARCEL G02331)  
6TH ELECTION DISTRICT, HOWARD COUNTY, MD  
TAX MAP 40  
TYPICAL ROADWAY SECTIONS  
STORM DRAIN PROFILES  
AND DETAILS  
OWNER AND DEVELOPER  
PARK MADISON LIMITED PARTNERSHIP  
% THE MADISON GROUP LLC  
ATTN: STEVEN OTTELIUS  
PO BOX 15620  
CHEVY CHASE, MARYLAND 20815  
SCALE AS SHOWN DATE MARCH 6, 1992  
SHEET NO. 4 OF 8  
DES. M. TAYLOR  
CHK. J. SMITH  
CHK. Z.Y. FISCH  
FISHER, COLLINS AND CARTER, INC.  
CIVIL ENGINEERS AND LAND SURVEYORS  
7171 BALTIMORE NATIONAL PIKE, SUITE 100  
ELLCOTT CITY, MARYLAND 21043

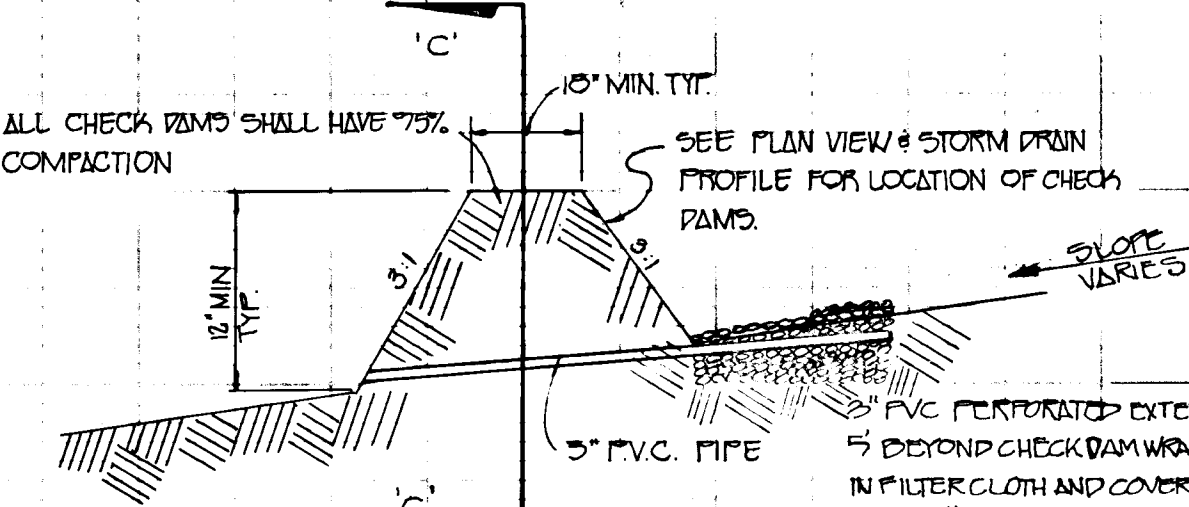
STRUCTURE	TYPE	INVERT IN	INVERT OUT	TOP ELEVATION	ROAD STA.	REMARKS
I-1	A-5		334.50	* 338.76	10+38.31 WPT	52' 4.01'
I-2	A-5	332.31	328.80	* 338.76	10+38.31 14' LT.	52' 4.01'
I-3	A-5		337.02	* 340.87	14+40 14' RT.	52' 4.01'
I-4	A-5	336.40	336.19	* 340.87	14+40 14' LT.	52' 4.01'
M-1	5'12' PRECAST MH	336.73	336.68	342.00	SEE PLAN	6' 5'12"
S-1	CONC. END SECT.	328.10	328.01	327.51	SEE PLAN	52' 5.51'
S-2	METAL END SECT.	325.00	324.78	326.23	SEE PLAN	52' 5.51'
S-3	CONC. END SECT.	335.68	335.64	337.04	SEE PLAN	52' 5.51'
S-4	CONC. END SECT.	336.19	336.07	337.97	SEE PLAN	52' 5.51'
I-5	A-5 W/ DEFLECTORS	337.60	337.55	* 341.23	0+50 14' RT.	52' 4.01'
I-6	A-5 W/ DEFLECTORS		337.70	* 341.23	0+50 14' LT.	52' 4.01'
I-7	A-5 W/ DEFLECTORS	346.77	346.72	* 351.32	17+40 14' WPT	52' 4.01'
I-8	A-5 W/ DEFLECTORS		347.25	* 351.32	17+40 14' WPT	52' 4.01'
S-5	CONC. END SECT.	337.25	336.03	337.53	SEE PLAN	52' 5.51'



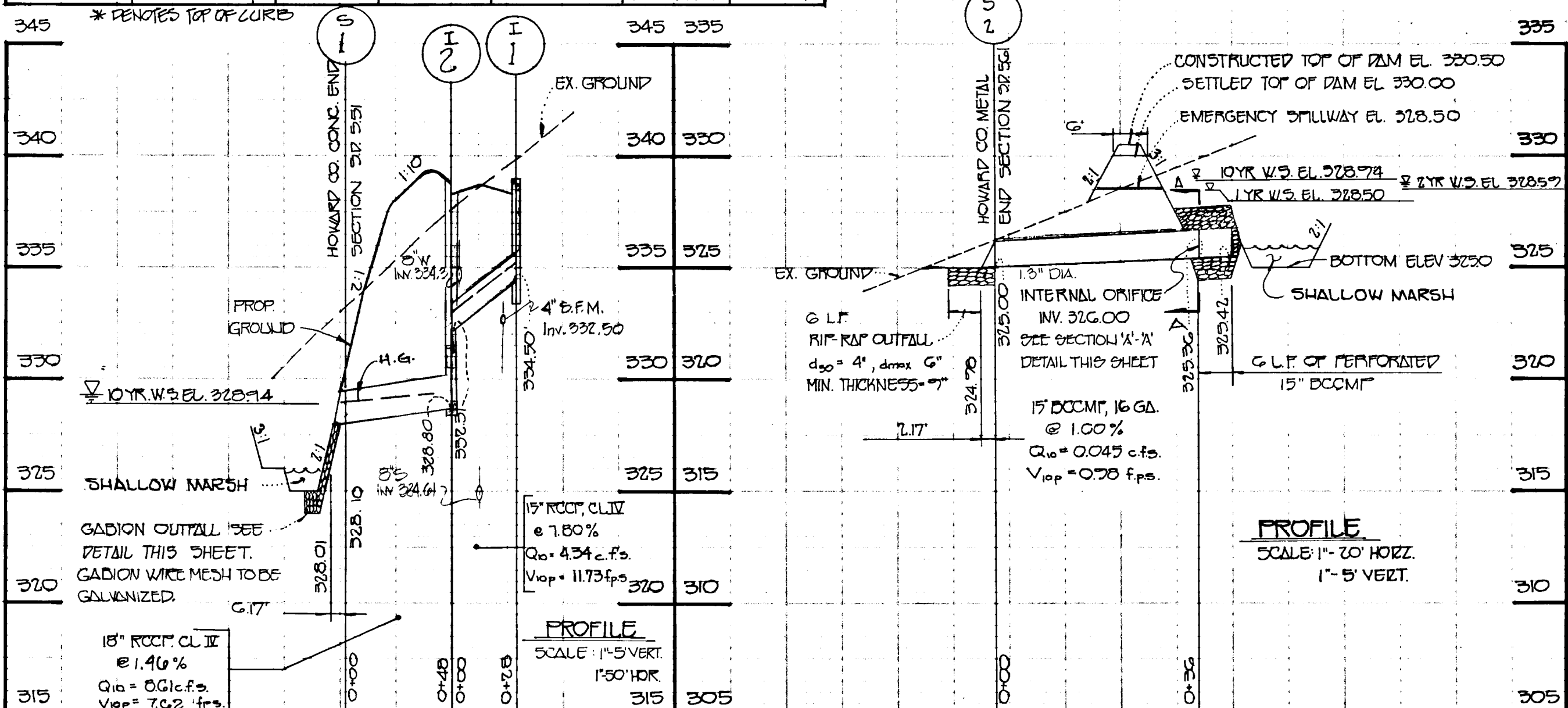
**SECTION A-A**  
NO SCALE



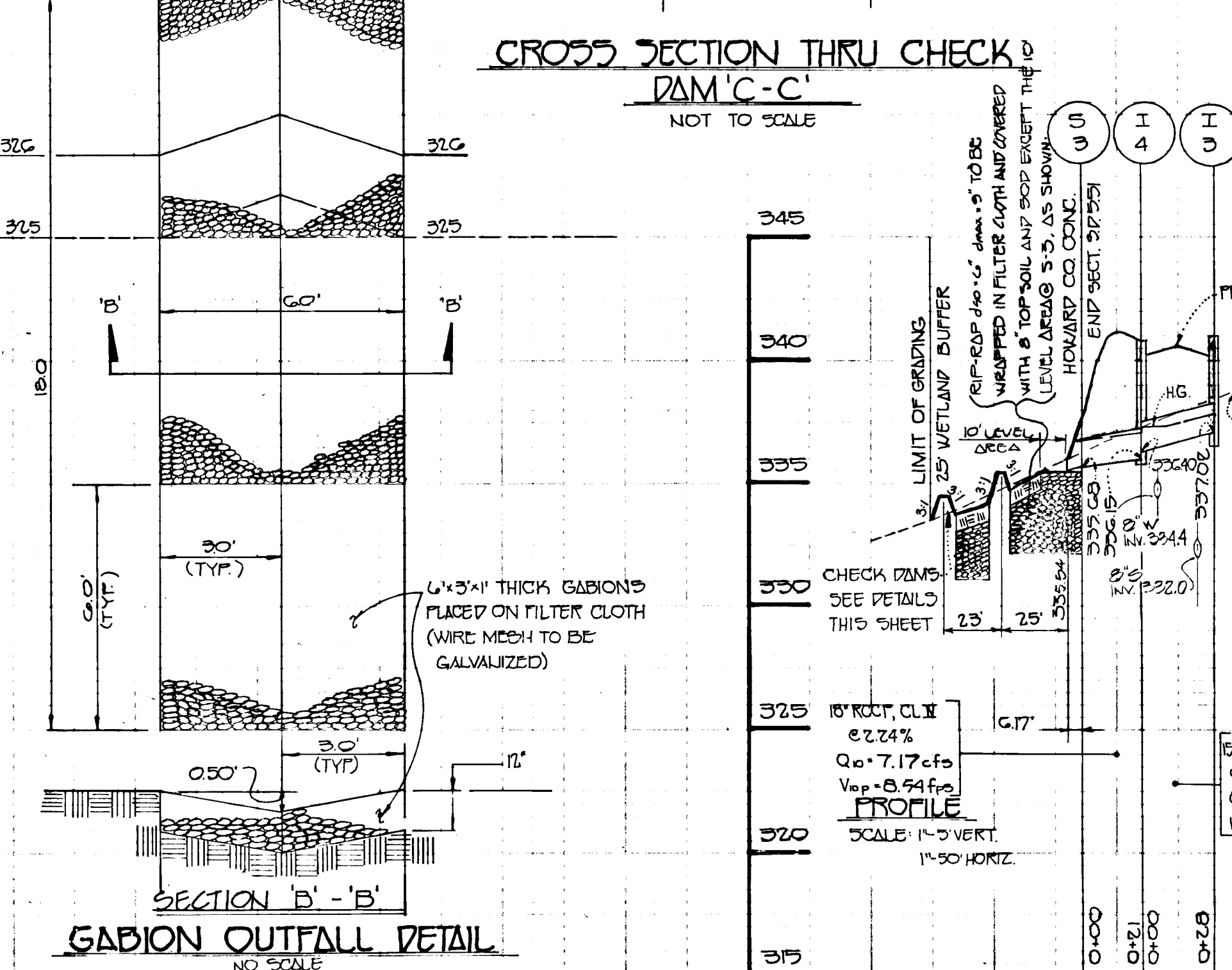
**CROSS SECTION THRU CHECK DAM 'C-C'**  
NOT TO SCALE



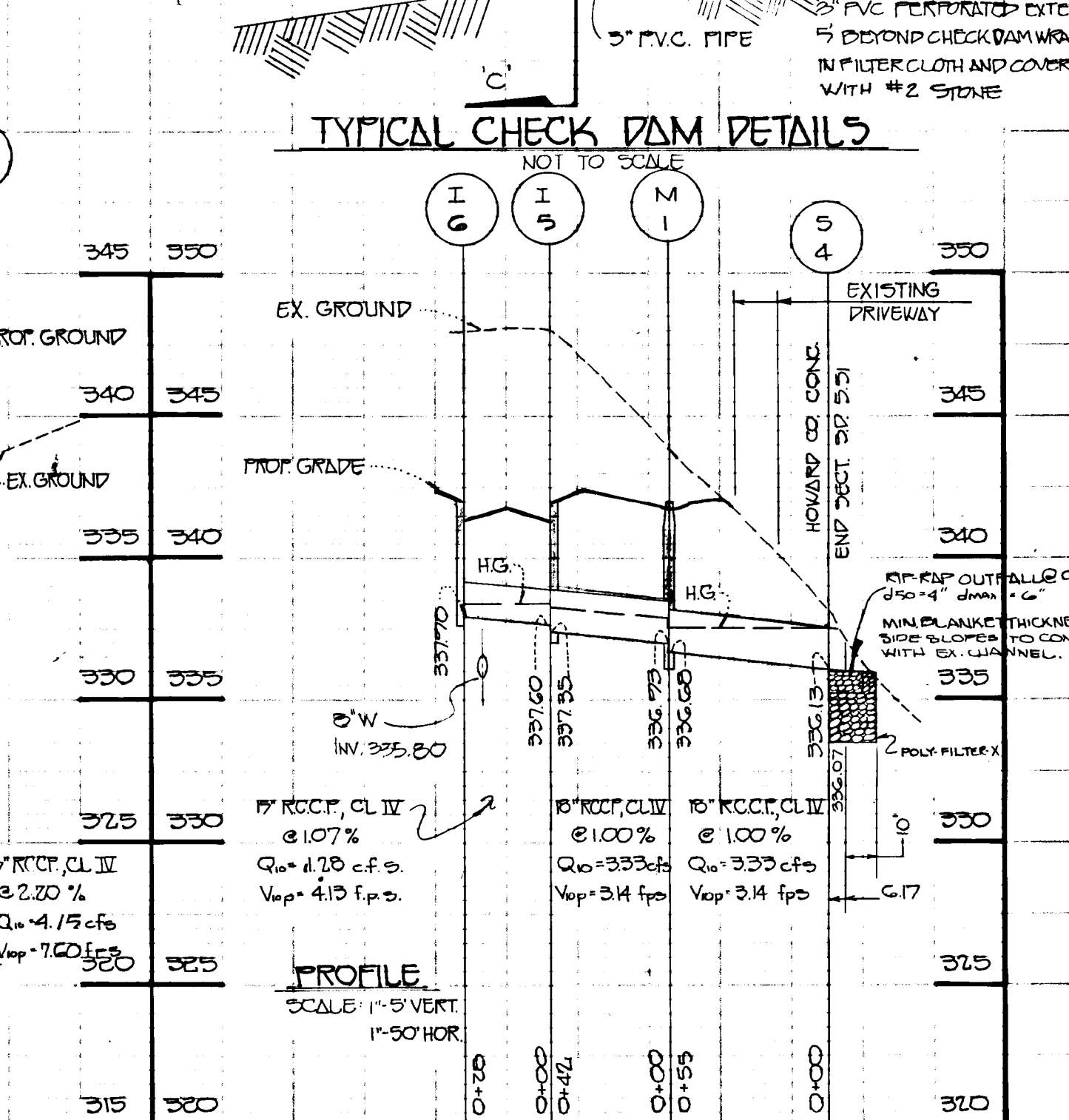
**TYPICAL CHECK DAM DETAILS**  
NOT TO SCALE



**PROFILE**  
SCALE: 1"=20' HORIZ.  
1"=5' VERT.



**SECTION B-B**  
NO SCALE



**PROFILE**  
SCALE: 1"=5' VERT.  
1"=50' HORIZ.

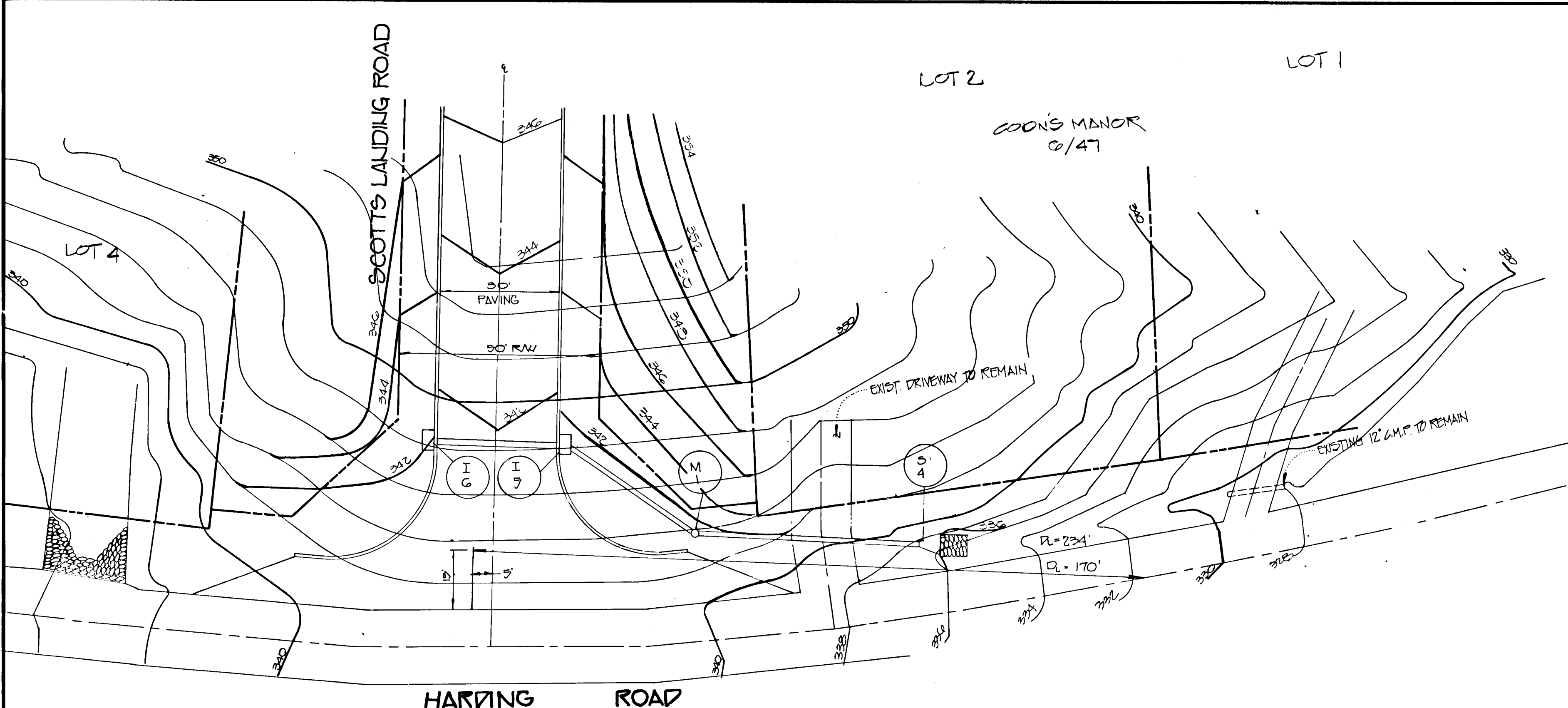
1652

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*E. M. ...* 10/20/92  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DATE

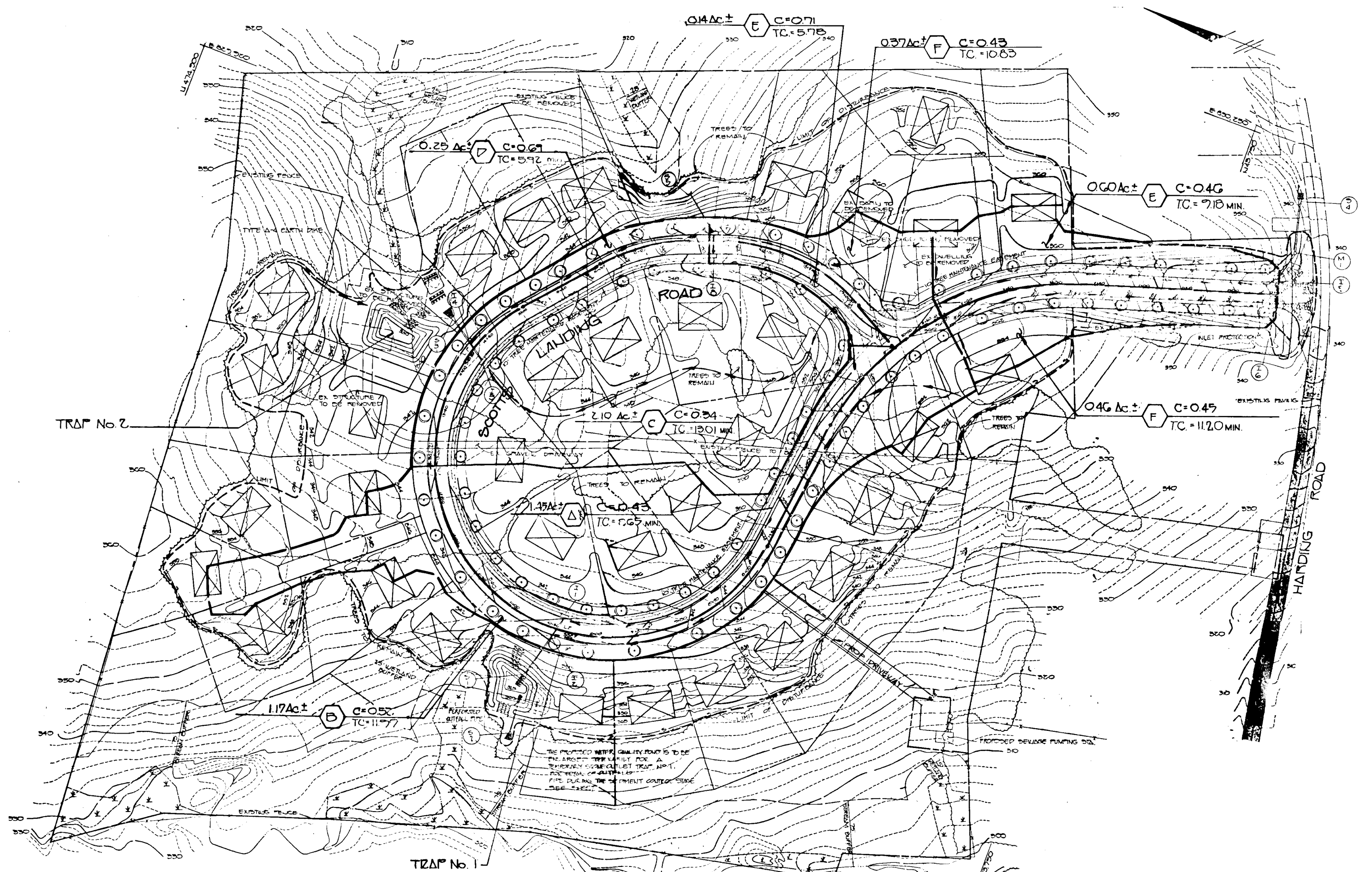
APPROVED: DEPARTMENT OF PUBLIC WORKS  
*...* 12-28-92  
 CHIEF, BUREAU OF ENGINEERING  
 DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
 CHIEF, BUREAU OF HIGHWAYS  
 DATE

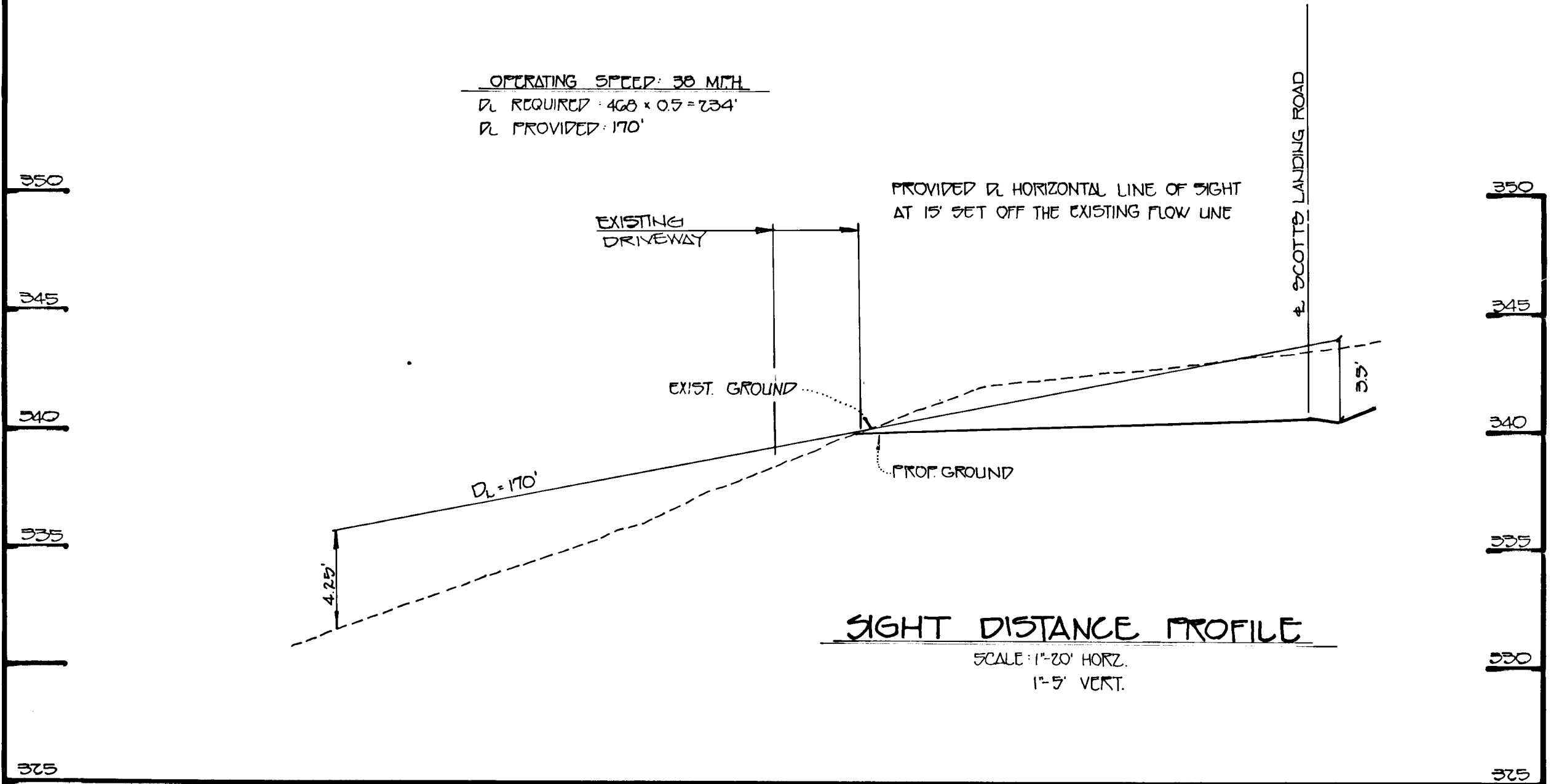
APPROVED: DEPARTMENT OF PUBLIC WORKS  
*...* 12/28/92  
 CHIEF, LAND DEVELOPMENT DIVISION  
 DATE



SIGHT DISTANCE ANALYSIS  
 SCALE: 1"=20'



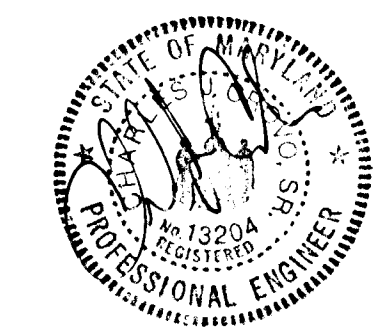
DRAINAGE AREA MAP  
 SCALE: 1"=100'



1652

FISHER, COLLINS & CARTER, INC.  
 CIVIL ENGINEERS, LAND SURVEYORS & LAND SURVEYORS  
 9171 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21045  
 (410) 451-2855

CONTRACT PURCHASER  
 OWNER & DEVELOPER  
 PARK MADISON LIMITED PARTNERSHIP  
 c/o THE MADISON GROUP LLC  
 ATTN: STEVE OTTELSTIEU  
 PO BOX 18030  
 CHEVY CHASE, MARYLAND 20825

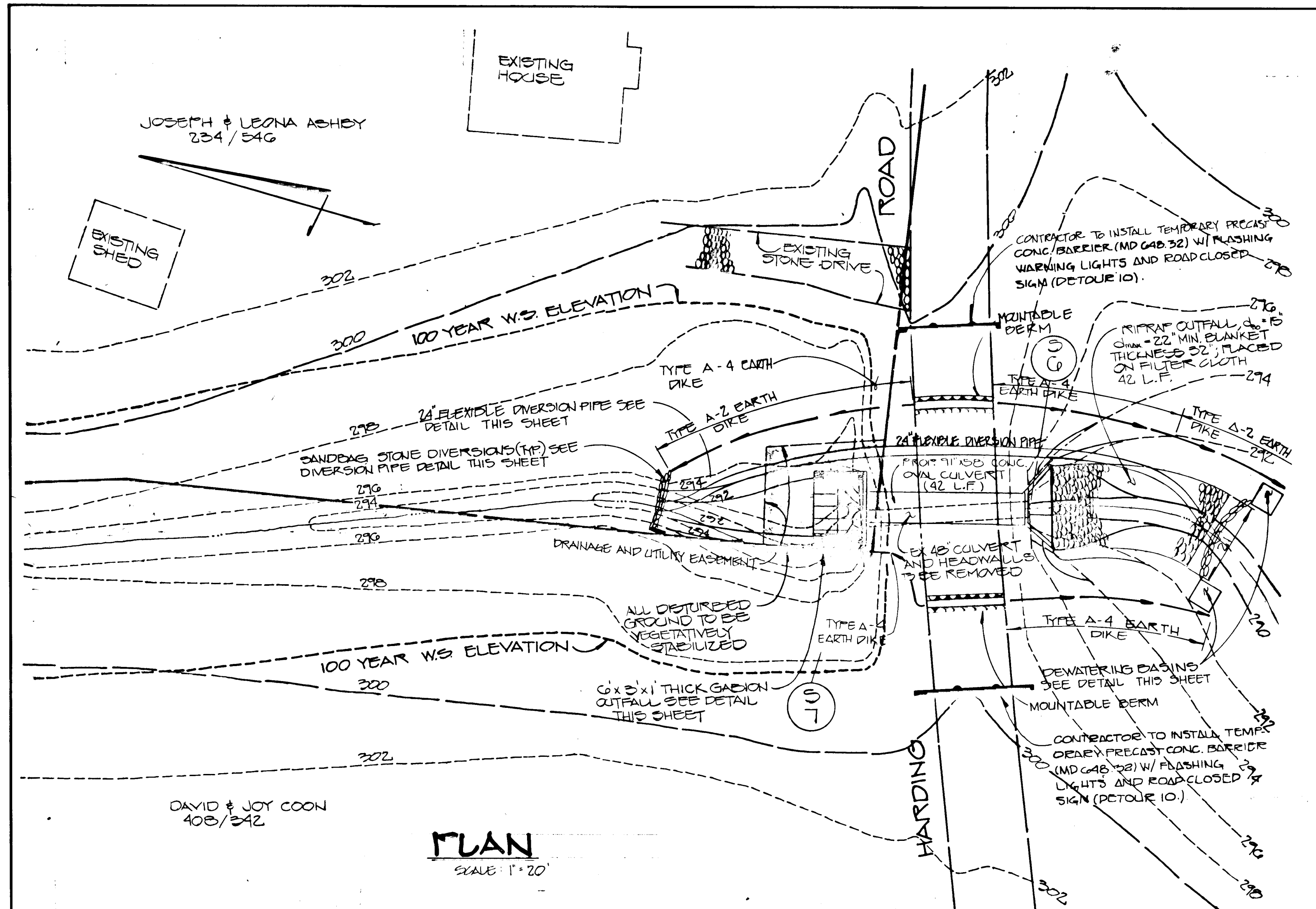


DRAINAGE AREA MAP AND SIGHT DISTANCE PLAN & PROFILE  
 LOTS 1-4  
**CHERRY CREEK**  
 (A RECONDIVISION OF LOT 3 COON MANOR & A SUBDIVISION OF PARCEL G04 231)  
 6 TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 TAX MAP 46, PARCELS G04, G05  
 SCALE: AS SHOWN  
 DATE: MARCH 6, 1992  
 SHEET 5 OF 6

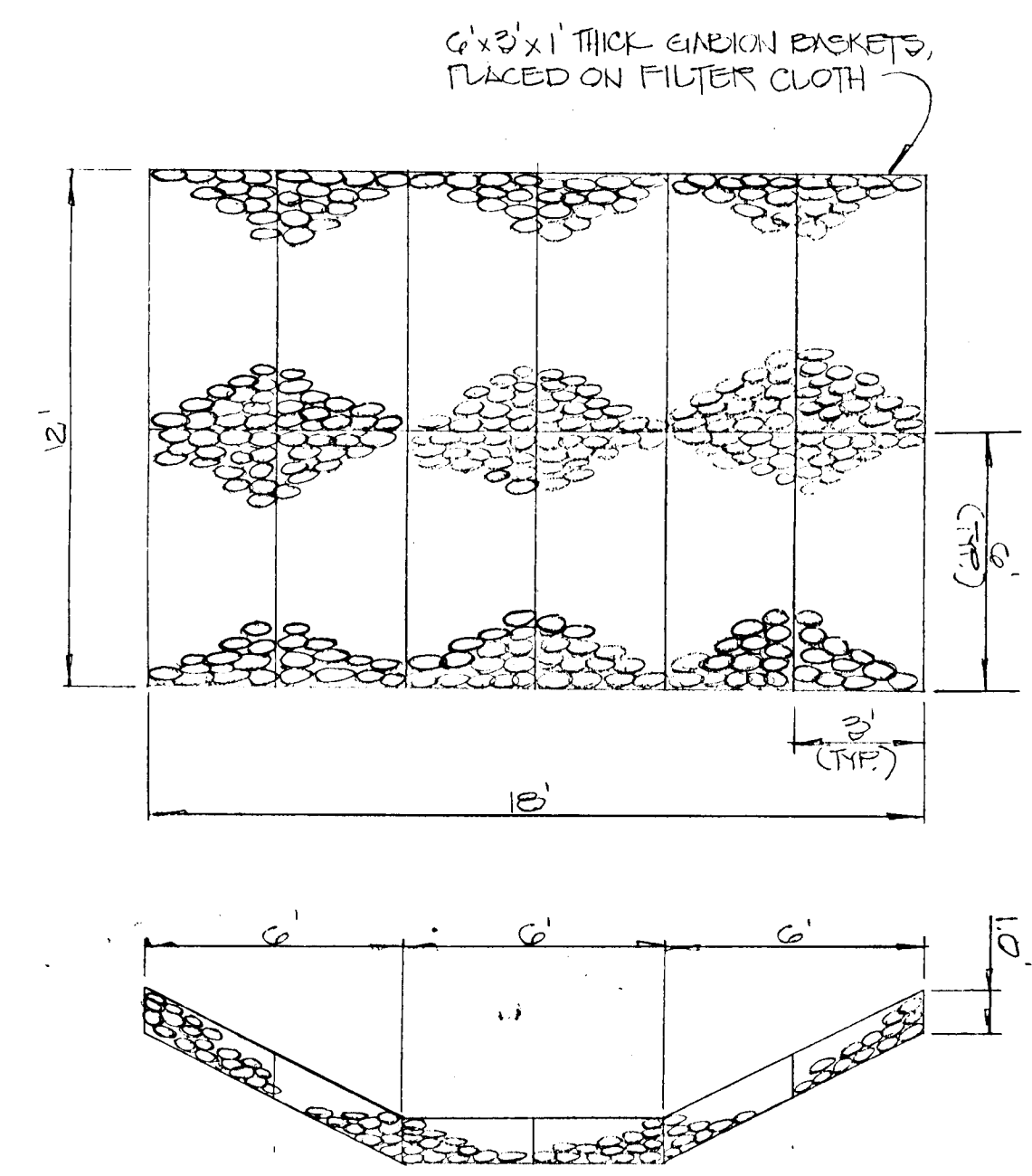








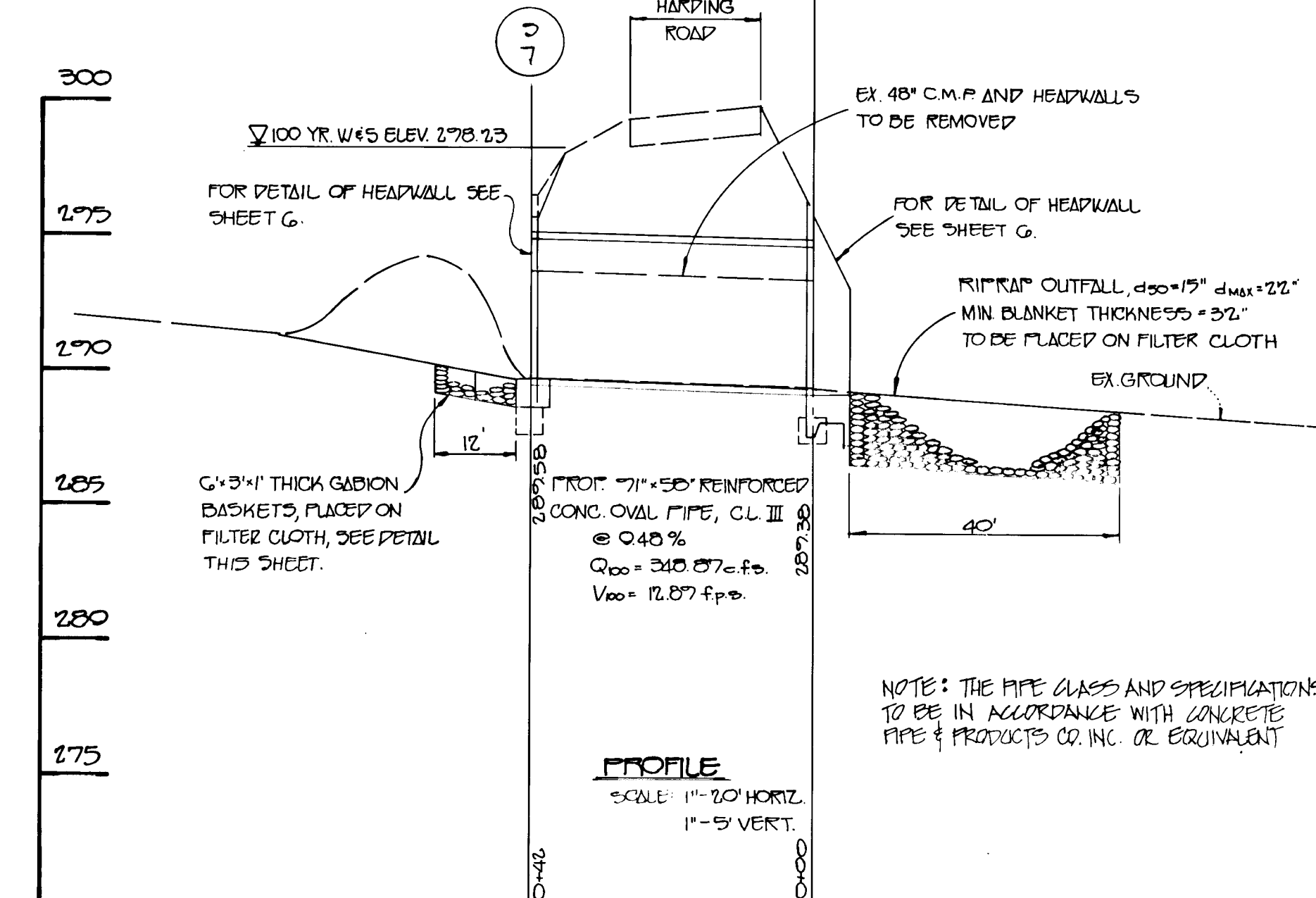
**PLAN**  
SCALE: 1"=20'



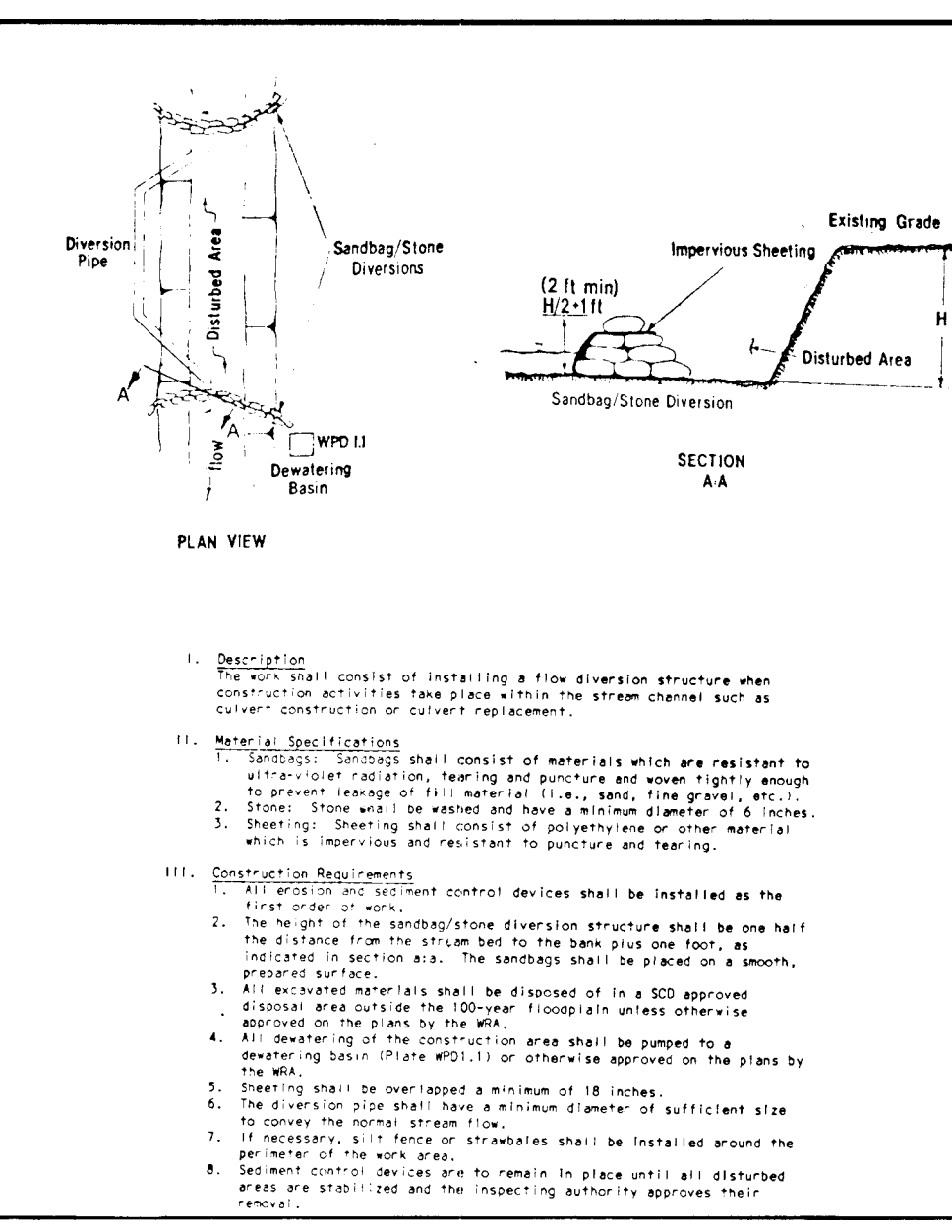
**GABION BASKET DETAIL**  
NO SCALE

- SEQUENCE OF CONSTRUCTION FOR CULVERT REPLACEMENT & HARDING ROAD**
- CONTRACTOR SHALL INSTALL TRAFFIC MAINTENANCE SIGNS IN ACCORDANCE WITH THE NOTES, DETAILS AND MAP SHOWN ON THIS SHEET.
  - CONTRACTOR OR DEVELOPER SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION 24 HOURS BEFORE BEGINNING WORK @ (410) 949-1860.
  - CONSTRUCT PARTS DICES AND MOUNTABLE BERMS.
  - CONSTRUCT TEMPORARY 24" DIVERSION PIPE.
  - BUILD DEWATERING BASINS AS NEEDED.
  - CONSTRUCT A TEMPORARY SANDBAG DIVERSION UPSTREAM TO DIVERT WATER INTO THE 24" DIVERSION PIPE.
  - PLACE A SANDBAG DIKE DOWNSTREAM TO PREVENT THE STREAM FROM BACKWASHING INTO CONSTRUCTION AREA.
  - REMOVE EXISTING 48" CONCRETE CULVERT AND HEADWALLS.
  - THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS.
  - INSTALL PROPOSED 51"x58" CONCRETE CULVERT AND HEADWALLS.
  - BACKFILL TO SUBGRADE, REMOVE MOUNTABLE BERMS AND CONSTRUCT NEW ROADWAY.
  - GRADE SITE AS SHOWN ON PLAN. INSTALL GABIONS AND RIP-RAP.
  - DEWATER THE AREA, THEN REMOVE THE TEMPORARY STREAM DIVERSION FROM DOWNSTREAM TO UPSTREAM.
  - STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEEDING.
  - REMOVE REMAINING SEDIMENT CONTROL MEASURES (EARTH DICES AND DEWATERING BASINS) AND STABILIZE AREAS WITH PERMANENT SEEDING; UPON THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR.
  - NOTIFY HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS FOR FINAL INSPECTION AT DURATION OF PROJECT (410) 949-1860.

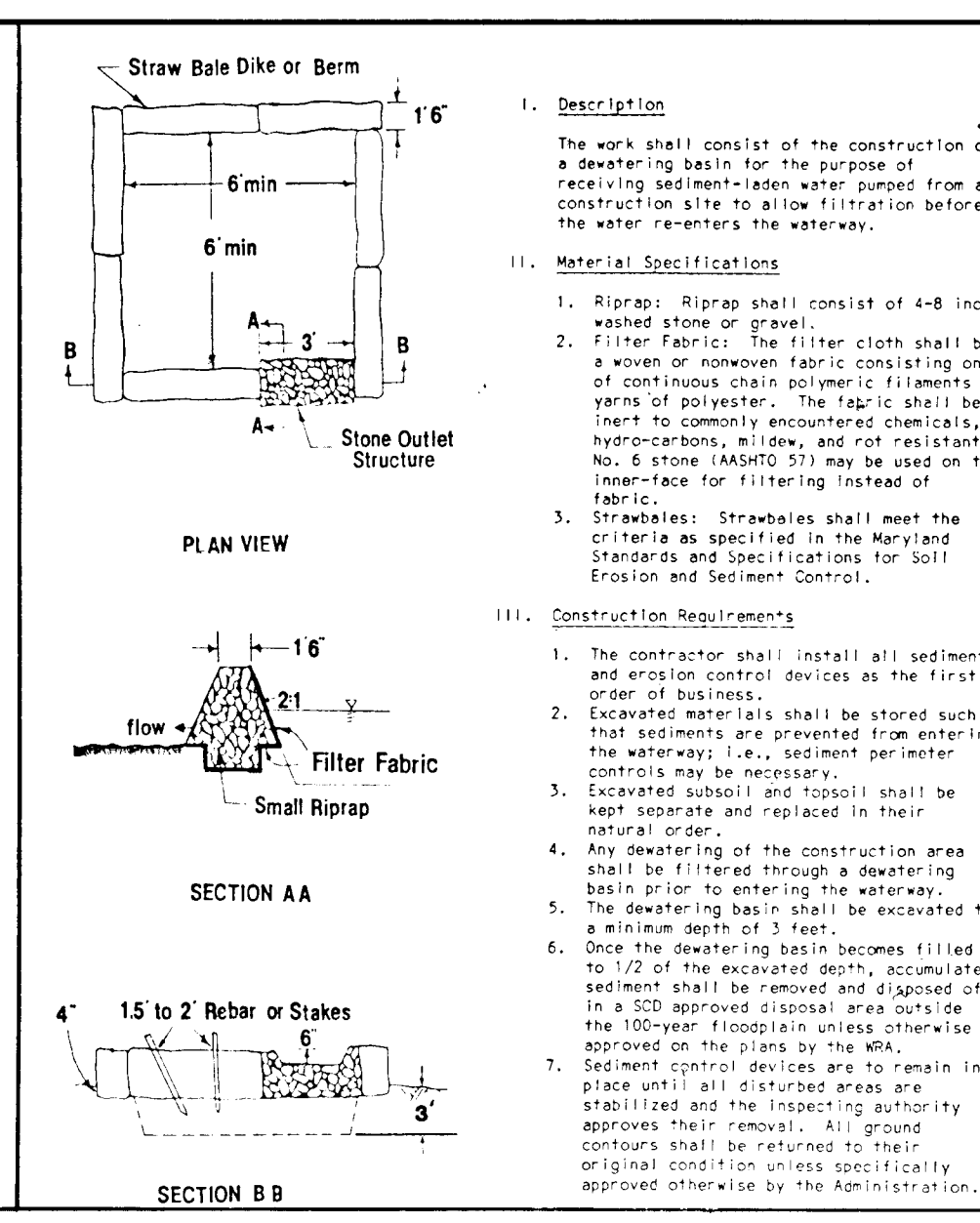
- MAINTENANCE OF TRAFFIC NOTES**
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A MAINTENANCE OF TRAFFIC SCHEDULE TO THE ENGINEER FOR APPROVAL. THE SCHEDULE SHALL INCLUDE A CHRONOLOGICAL SEQUENCE OF THE DATES OF PLACEMENT AND REMOVAL OF ALL SIGNS AND DATES OF CLOSURE AND REOPENING OR HARDING ROAD. THE CONTRACTOR WILL BE REQUIRED TO STRICTLY ADHERE TO THE APPROVED MAINTENANCE OF TRAFFIC SCHEDULE, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
  - PLACE SIGNS SP-1 TWO (2) WEEKS IN ADVANCE OF THE DATE OF CLOSURE OF HARDING ROAD.
  - ALL TRAFFIC CONTROL DEVICES MUST COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 1980.
  - IN ACCORDANCE WITH THE SPECIAL PROVISIONS, THE CONTRACTOR SHALL PROVIDE SPECIAL SIGNING AND/OR NOTIFICATIONS OF THE CLOSURE OF HARDING ROAD TO THROUGH TRAFFIC IN SUCH A MANNER AS APPROVED BY THE COUNTY.
  - THE CONTRACTOR SHALL COORDINATE ALL ROAD CLOSURES AND OPENINGS WITH THE COUNTY AND THE FIRE DEPARTMENT.



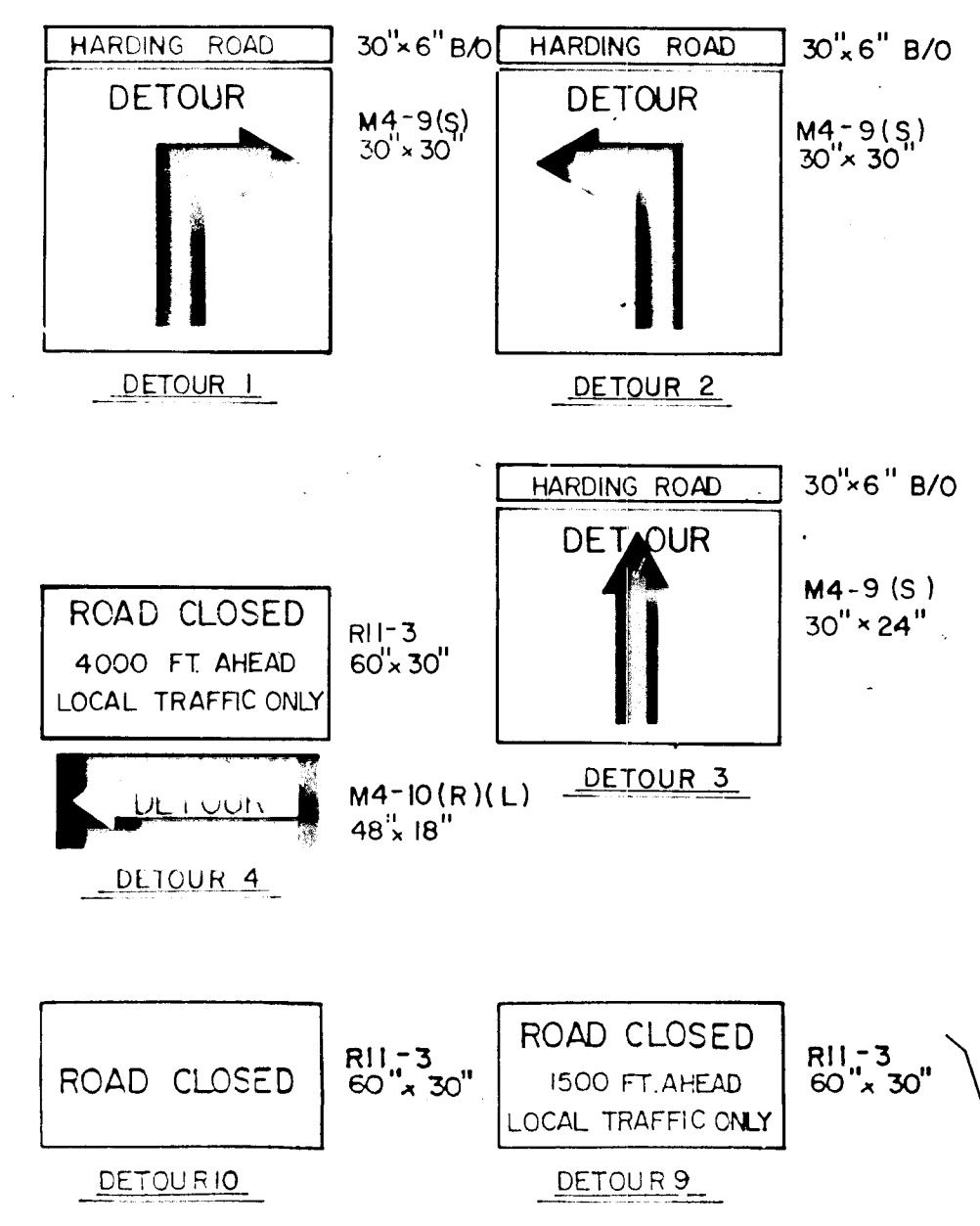
**PROFILE**  
SCALE: 1"=20' HORIZ.  
1"=5' VERT.



**DIVERSION PIPE**  
NO SCALE

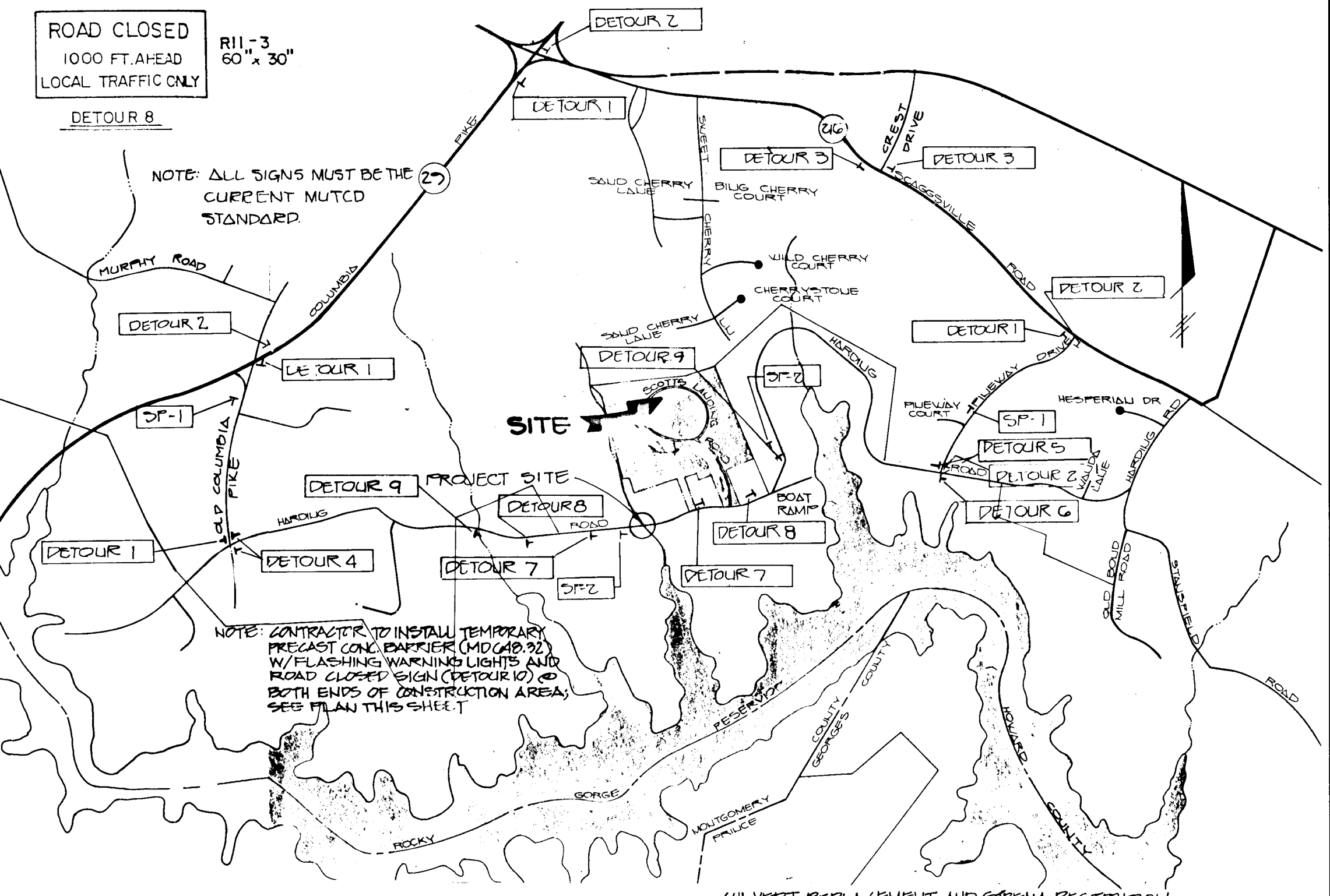


**DEWATERING BASIN**  
NO SCALE



**NOTICE**  
HARDING ROAD  
CLOSED TO THRU TRAFFIC  
ON OR ABOUT  
FOLLOW DETOUR

**NOTICE**  
HARDING ROAD  
CLOSED TO THRU TRAFFIC  
ON OR ABOUT  
ACCESS TO BOAT HAMP WILL BE  
RESTRICTED  
FOLLOW DETOUR



**SIGN LOCATION PLAN**  
SCALE: 1"=1000'

**CONTRACT PURCHASER  
OWNER & DEVELOPER**  
PARK MADISON LIMITED PARTNERSHIP  
90 THE MADISON GROUP LLC  
ATTN: STEVEN OTTENSTEIN  
PO BOX 156300  
CHEVY CHASE, MARYLAND 20825

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
**Stina J. Arnold** 11/23/92  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
**William B. Riley** 12-22-92  
CHIEF, BUREAU OF ENGINEERING  
DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
**John R. Robertson** 12/23/92  
CHIEF, BUREAU OF HIGHWAYS  
DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
**John R. Robertson** 12/23/92  
CHIEF, LAN. & UPLAND DIVISION  
DATE

**ENGINEER'S CERTIFICATE**  
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
**Steven J. Ottenstein** 11/13/92  
SIGNATURE OF ENGINEER  
DATE

**DEVELOPER'S CERTIFICATE**  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.  
**Steven J. Ottenstein** 11/13/92  
SIGNATURE OF DEVELOPER  
DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
**James M. Helm/JM** 11/25/92  
DISTRICT SOIL CONSERVATION DISTRICT  
DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
**John R. Robertson** 11/25/92  
DISTRICT HOWARD SOIL CONSERVATION DIST.  
DATE

**CULVERT REPLACEMENT AND STREAM RESTORATION**  
LOTS 1-4B  
**CHERRY CREEK**  
(A RECONDIVISION OF LOT 3, COON MANOR & A SUBDIVISION OF PARK GOLF & COUNTRY)  
G-TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP 40, PARCELS 68,731  
SCALE AS SHOWN  
DATE: MARCH 6, 1972  
SHEET 7 OF 8

1652  
2571

**FISHER, COLLINS & CARTER, INC.**  
9071 BALTIMORE NATIONAL PIKE, SUITE 100  
ELLICOTT CITY, MARYLAND 21043  
(410) 461-2855



**ENGINEER'S CERTIFICATE**  
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

11/18/92  
 SIGNATURE OF ENGINEER

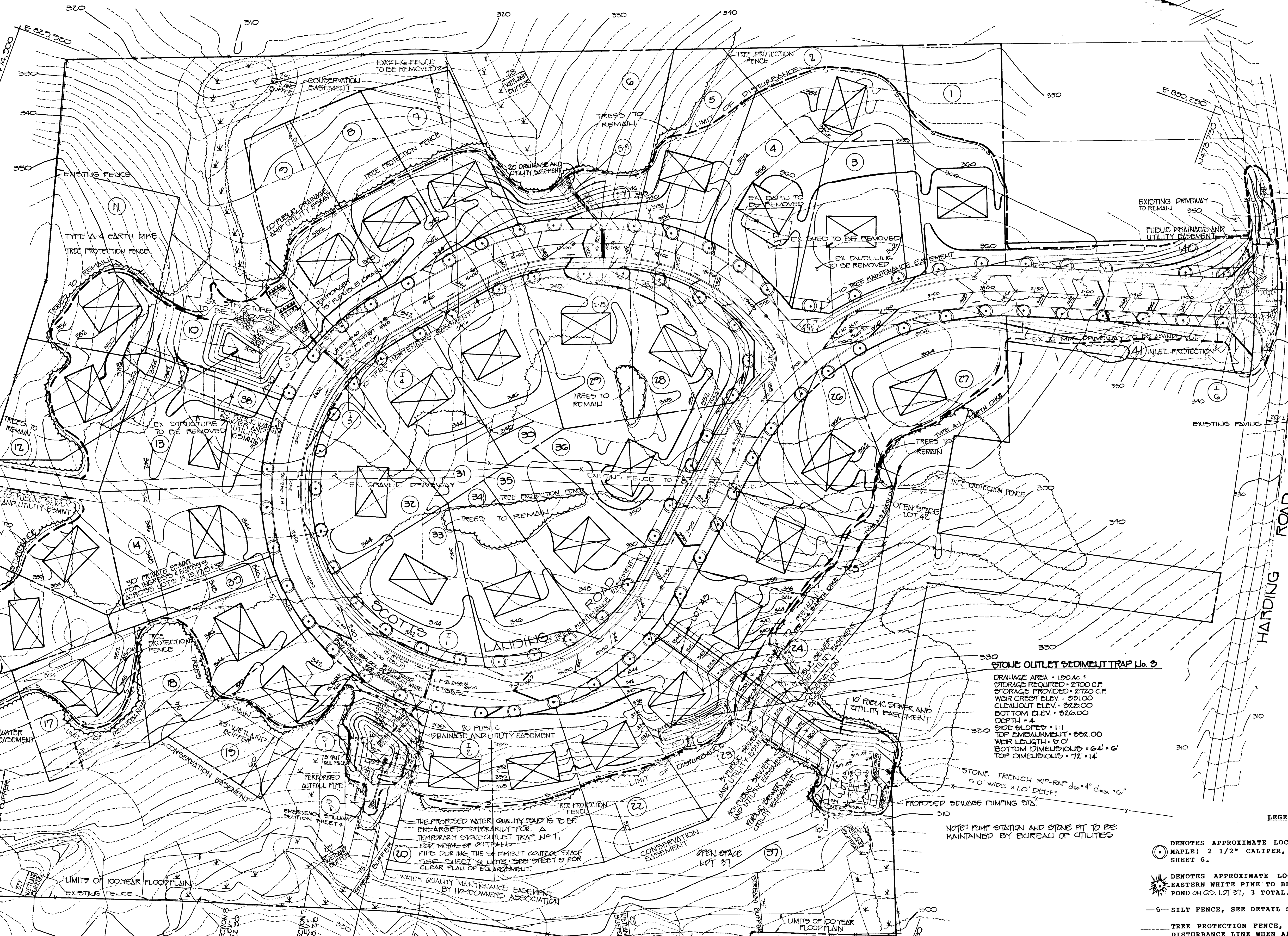
**DEVELOPER'S CERTIFICATE**  
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Steven Z. Ottenstein 11/13/92  
 SIGNATURE OF DEVELOPER

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 11/25/92  
 APPROVED: DISTRICT HOWARD SOIL CONSERVATION DIST.

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 12/20/92  
 APPROVED: DEPARTMENT OF PUBLIC WORKS  
 12-28-92  
 APPROVED: DEPARTMENT OF PUBLIC WORKS  
 12/28/92

REVISION		
NO.	DATE	DESCRIPTION
1	3-21-97	REV LOC. GUARD RAIL; ADD BRUT RAIL FENCE



**STONE OUTLET SEDIMENT TRAP No. 2**  
 DRAINAGE AREA = 4.77 AC.  
 STORAGE REQ'D = 8622 C.Y.  
 STORAGE PROVIDED = 9200 C.Y.  
 WEIR CREST EL. = 337.00  
 CLEANOUT EL. = 333.00  
 BOTT. EL. = 330.00  
 DEPTH = 6'-0"  
 SIDE SLOPES = 2:1  
 TOP EMBANKMENT = 333.00  
 WEIR LENGTH = 70'-0"  
 BOTT. DIMENSIONS = 15' x 40'  
 TOP DIMENSIONS = 40' x 60'

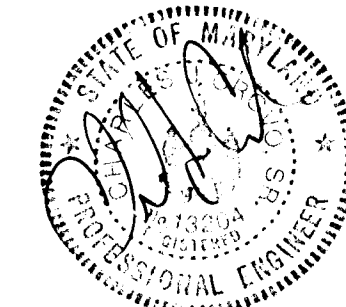
**STONE OUTLET SEDIMENT TRAP No. 3**  
 DRAINAGE AREA = 1.50 AC.  
 STORAGE REQUIRED = 2700 C.Y.  
 STORAGE PROVIDED = 2700 C.Y.  
 WEIR CREST ELEV. = 331.00  
 CLEANOUT ELEV. = 329.00  
 BOTTOM ELEV. = 326.00  
 DEPTH = 4'  
 SIDE SLOPES = 1:1  
 TOP EMBANKMENT = 332.00  
 WEIR LENGTH = 5'-0"  
 BOTTOM DIMENSIONS = 6'-4" x 6"  
 TOP DIMENSIONS = 7'-2" x 14'

**STONE OUTLET SEDIMENT TRAP No. 1**  
 DRAINAGE AREA = 2.02 AC.  
 STORAGE REQ'D = 4716 C.Y.  
 STORAGE PROVIDED = 4875 C.Y.  
 WEIR CREST EL. = 329.00  
 CLEANOUT EL. = 326.00  
 BOTT. EL. = 324.00  
 DEPTH = 4'-0"  
 SIDE SLOPES = 2:1  
 TOP EMBANKMENT = 330.00  
 WEIR LENGTH = 11'-0"  
 BOTT. DIMENSIONS = 4'-0" x 17'  
 TOP DIMENSIONS = 55' x 35'

- LEGEND**
- DENOTES APPROXIMATE LOCATION OF ACER SACCHARUM (SUGAR MAPLE) 2 1/2" CALIPER, 91 TOTAL; SEE PLANTING DETAIL SHEET 6.
  - ☼ DENOTES APPROXIMATE LOCATION OF CANADIAN HEMLOCK OR EASTERN WHITE PINE TO BE PLANTED ADJACENT TO THE WATER QUALITY POND ON CO. LOT 37, 3 TOTAL.
  - S- SILT FENCE, SEE DETAIL SHEET 6.
  - TREE PROTECTION FENCE, TO BE INSTALLED ALONG LIMIT OF DISTURBANCE LINE WHEN ADJACENT TO TREE LINE, SEE DETAIL SHEET 6.

STREET TREE, GRADING AND SEDIMENT CONTROL PLAN  
 LOTS 1-43  
**CHERRY CREEK**  
 (A RESUBDIVISION OF LOT 3 COON MOUND, A SUBDIVISION OF PARCEL G0425)  
 C TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 TAX MAP 4G, PARCELS G0, Z01  
 SCALE AS SHOWN  
 DATE: MARCH 6, 1992  
 SHEET 6 OF 8

CONTRACT PURCHASER  
 OWNER & DEVELOPER  
 PARK MADISON LIMITED PARTNERSHIP  
 % THE MADISON GROUP LLC  
 ATTN: STEVEN OTTENSTEIN  
 PO BOX 15630  
 CHEVY CHASE, MARYLAND 20825



**PLAN**  
 SCALE: 1" = 50'

1652

**FISHER, COLLINS & CARTER, INC.**  
 971 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21042  
 (301) 461-2855